

Box sensori/attuatori

Sensor/actuator boxes



RIPARTITORI con Morsetti / SPLITTERS with Terminal Block

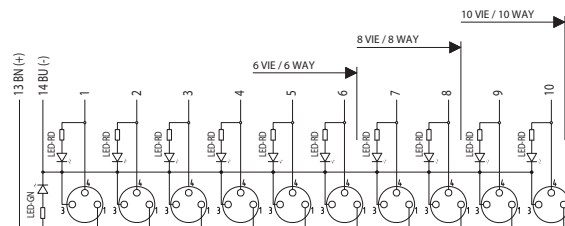
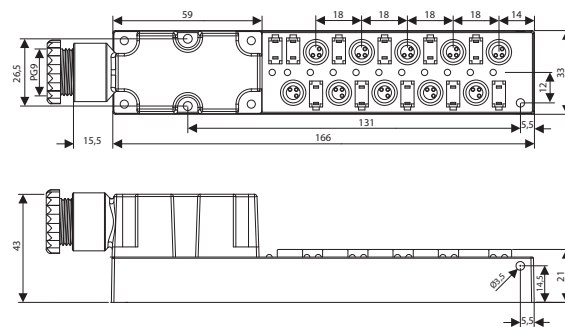


Cod. 8-81E0500**

COMPOSIZIONE CODICE CODE COMPOSITION

8-81E0500**

- 37 = 6 vie con led / with leds
- 39 = 8 vie con led / with leds
- 41 = 10 vie con led / with leds



MATERIALI

Custodia: Nylon 6 + 60% fibra di vetro. Contatti: bronzo fosforoso con doratura

MATERIALS

Housing: Nylon 6 + 60% glass fiber. Contacts: phosphorous bronze with gold plated

| SPECIFICHE TECNICHE | TECHNICAL SPECIFICATIONS | |
|--------------------------|--------------------------|--------------------------|
| Numero di poli | Number of poles | 3 poli / poles |
| Corrente Nominale | Nominal Currents | Total 9A, 2A for contact |
| Tensione Nominale | Nominal Voltage | 10-30 V AC-DC |
| Grado di protezione | Protection Class | IP67 |
| Dimensione dei Pin | Dimension of Pin | 1mm |
| Temperatura di esercizio | Working Temperature | -25/+85°C Fix Install |

| COD. | 0 | 5 |
|---|------------------------------|------------------------------|
| SPECIFICHE CAVO CABLE SPECIFICATIONS | CAVO PUR PUR CABLE | CAVO PUR PUR CABLE |
| Sezioni Sections | vedi disegno like drawing | vedi disegno like drawing |
| Guaina Esterna Outer Jacket | PVC Nero PVC Black | PUR Nero PUR Black |
| Schermatura Shield | --- | --- |

RIPARTITORI con Cavo / SPLITTERS with Cable

Cod. 8-81E05*1**

COMPOSIZIONE CODICE
CODE COMPOSITION

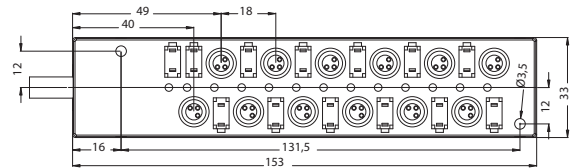
1 = 12 vie con led / with leds
 3 = 10 vie con led / with leds
 5 = 8 vie con led / with leds
 7 = 6 vie con led / with leds

Tipologia cavo (vedi cod. in tabella)
 Cable type (code like table)
 0 = PVC
 5 = PUR

8 - 8 1 E 0 5 * 1 * * * * *

lunghezza cavo
 cable length
 0 = 5 m
 1 = 10 m
 2 = 15 m
 9 = xxx m

| CAVO FEMMINA 4-6-8 VIE | |
|------------------------|-----------------|
| CABLE FEMALE 4-6-8 WAY | |
| TABELLA COLORI | OUT M12 FEMMINA |
| COLOURS TABLE | M12 OUT FEMALE |
| 1 | WH |
| 2 | GN |
| 3 | YE |
| 4 | GY |
| 5 | PK |
| 6 | RD |
| 7 | BK |
| 8 | VT |
| 9 | BU - 0,7 |
| 10 | n.c. |
| 11 | BN - 0,75 |
| 12 | YEGN - 0,75 |


MATERIALI

Custodia: Nylon 6 + 60% fibra di vetro. Contatti: bronzo fosforoso con doratura

MATERIALS

Housing: Nylon 6 + 60% glass fiber. Contacts: phosphorous bronze with gold plated

| SPECIFICHE TECNICHE | TECHNICAL SPECIFICATIONS | |
|--------------------------|--------------------------|--------------------------|
| Numero di poli | Number of poles | 3 poli / poles |
| Corrente Nominale | Nominal Currents | Total 9A, 2A for contact |
| Tensione Nominale | Nominal Voltage | 10-30 V AC-DC |
| Grado di protezione | Protection Class | IP67 |
| Dimensione dei Pin | Dimension of Pin | 1mm |
| Temperatura di esercizio | Working Temperature | -25/+85°C Fix Install |

| COD. | 0 | 5 |
|----------------------|------------------------------|------------------------------|
| SPECIFICHE CAVO | CAVO PUR | CAVO PUR |
| CABLE SPECIFICATIONS | PUR CABLE | PUR CABLE |
| Sezioni | vedi disegno like drawing | vedi disegno like drawing |
| Guaina Esterna | PVC Nero | PUR Nero |
| Outer Jacket | PVC Black | PUR Black |
| Schermatura | --- | --- |
| Shield | --- | --- |

RIPARTITORI con Connettore M12 8 Poli / SPLITTERS with Connector M12 8 Pins



Cod. 8-81E0502*0

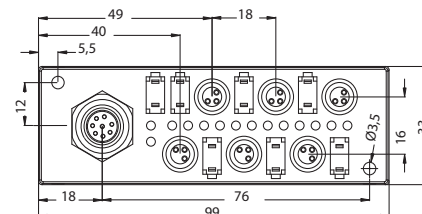
COMPOSIZIONE CODICE
CODE COMPOSITION

8-81E0502*0

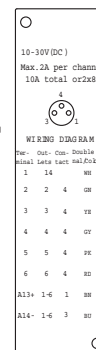
|

Tipologia (vedi disegno)
Type (like drawing)

2 = con led / with leds
3 = senza led / without leds



Con M12 8 poli, 6 vie
With M12 8 ways, 6 vie



MATERIALI

Custodia: Nylon 6 + 60% fibra di vetro. Contatti: bronzo fosforoso con doratura

MATERIALS

Housing: Nylon 6 + 60% glass fiber. Contacts: phosphorous bronze with gold plated

SPECIFICHE TECNICHE TECHNICAL SPECIFICATIONS

| Numero di poli | Number of poles | 3 poli / poles |
|--------------------------|---------------------|--------------------------|
| Corrente Nominale | Nominal Currents | Total 9A, 2A for contact |
| Tensione Nominale | Nominal Voltage | 10-30 V AC-DC |
| Grado di protezione | Protection Class | IP67 |
| Dimensione dei Pin | Dimension of Pin | 1mm |
| Temperatura di esercizio | Working Temperature | -25/+85°C Fix Install |

RIPARTITORI con 2 Connettori M12 8 Poli / SPLITTERS with 2 M12 8 Pins Connectors



Cod. 8-81E0502*0

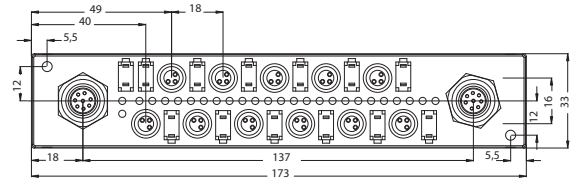
COMPOSIZIONE CODICE
CODE COMPOSITION

8 - 8 1 E 0 5 0 2 * 0

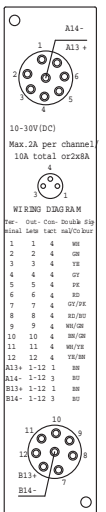
|

Tipologia (vedi disegno)
Type (like drawing)

0 = con led / with leds
1 = senza led / without leds



Con M1 2 8 poli, 12 vie
With M1 2 8 ways, 12 vie



| MATERIALI | | |
|---|--------------------------|--------------------------|
| Custodia: Nylon 6 + 60% fibra di vetro. Contatti: bronzo fosforoso con doratura | | |
| MATERIALS | | |
| Housing: Nylon 6 + 60% glass fiber. Contacts: phosphorous bronze with gold plated | | |
| SPECIFICHE TECNICHE | TECHNICAL SPECIFICATIONS | |
| Numero di poli | Number of poles | 3 poli / poles |
| Corrente Nominale | Nominal Currents | Total 9A, 2A for contact |
| Tensione Nominale | Nominal Voltage | 10-30 V AC-DC |
| Grado di protezione | Protection Class | IP67 |
| Dimensione dei Pin | Dimension of Pin | 1mm |
| Temperatura di esercizio | Working Temperature | -25/+85°C Fix Install |

RIPARTITORI con Morsettera / SPLITTERS with Terminal Block

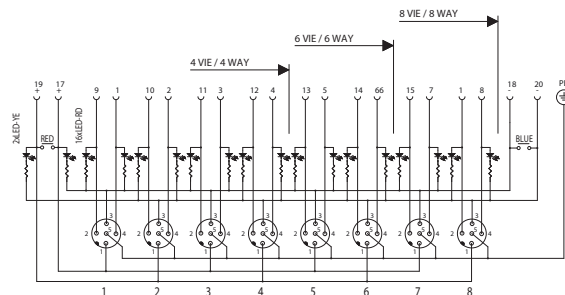
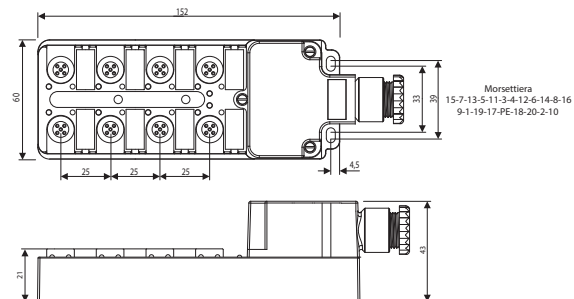


Cod. 8-81E0400**

COMPOSIZIONE CODICE CODE COMPOSITION

8 - 81E0400 **

- 37 = 4vie con led / with leds M12 5 Poles
- 39 = 6vie con led / with leds M12 5 Poles
- 41 = 8vie con led / with leds M12 5 Poles



MATERIALI

Custodia: Nylon 6 + 60% fibra di vetro. Contatti: bronzo fosforoso con doratura

MATERIALS

Housing: Nylon 6 + 60% glass fiber. Contacts: phosphorous bronze with gold plated

SPECIFICHE TECNICHE

TECHNICAL SPECIFICATIONS

| | | |
|--------------------------|---------------------|--------------------------|
| Numero di poli | Number of poles | 5 poli / 5 poles |
| Corrente Nominale | Nominal Currents | Total 9A, 2A for contact |
| Tensione Nominale | Nominal Voltage | 10-30 V AC-DC |
| Grado di protezione | Protection Class | IP67 |
| Dimensione dei Pin | Dimension of Pin | 1mm |
| Temperatura di esercizio | Working Temperature | -25/+85°C Fix Install |

RIPARTITORI con Connettore / SPLITTERS with Connector



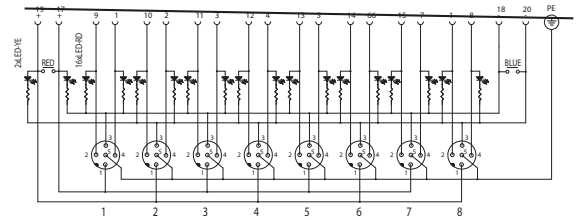
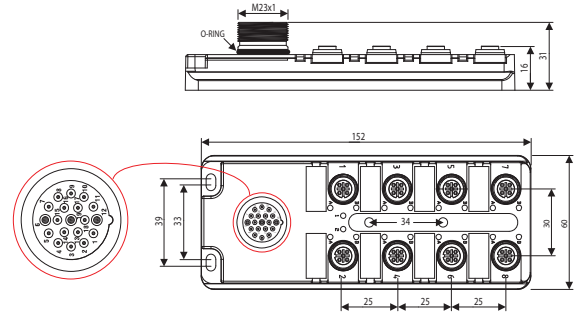
Cod. 8-81E0400**

COMPOSIZIONE CODICE
CODE COMPOSITION

1 = 8 vie senza led / without leds

8-81E0400**

Connettore Connector
0 = M23 19 Poles (M12 5Pins-2 signals)



MATERIALI

Custodia: Nylon 6 + 60% fibra di vetro. Contatti: bronzo fosforoso con doratura

MATERIALS

Housing: Nylon 6 + 60% glass fiber. Contacts: phosphorous bronze with gold plated

SPECIFICHE TECNICHE

TECHNICAL SPECIFICATIONS

| | | |
|--------------------------|---------------------|--------------------------|
| Numero di poli | Number of poles | 5 poli / 5 poles |
| Corrente Nominale | Nominal Currents | Total 9A, 2A for contact |
| Tensione Nominale | Nominal Voltage | 10-30 V AC-DC |
| Grado di protezione | Protection Class | IP67 |
| Dimensione dei Pin | Dimension of Pin | 1mm |
| Temperatura di esercizio | Working Temperature | -25/+85°C Fix Install |

RIPARTITORI con Cavo / SPLITTERS with Cable



Cod. 8-81E04*2**

| CAVO FEMMINA 4-6-8 VIE CABLE FEMALE 4-6-8 WAY | |
|--|-----------------------------------|
| TABELLA COLORI COLOURS TABLE | OUT M12 FEMMINA M12 OUT FEMALE |
| 1 | WH |
| 2 | GN |
| 3 | YE |
| 4 | GY |
| 5 | PK |
| 6 | RD |
| 7 | BK |
| 8 | VT |
| 9 | BU - 0,75 |
| 10 | n.c. |
| 11 | BN - 0,75 |
| 12 | YEGN - 0,75 |

**COMPOSIZIONE CODICE
CODE COMPOSITION**

Tipologia cavo (vedi cod. in tabella)
Cable type (code like table)

| | |
|---------|---------|
| 0 = PVC | 5 = PUR |
|---------|---------|

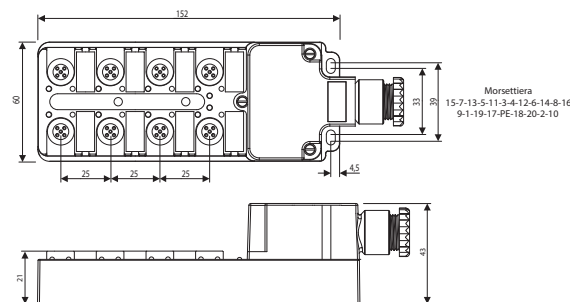
0 = 8 vie con led / with leds
1 = 8 vie senza led / without leds
2 = 6 vie con led / with leds
3 = 6 vie senza led / without leds
4 = 4 vie con led / with leds
5 = 4 vie senza led / without leds

8-81E04*2**

lunghezza cavo
cable length
0 = 5 m
1 = 10 m
2 = 15 m

Cavo 12 Poli,
Connettori M12 5 Pin,
1 segnale

12 Poles Cable,
M12 5 Pin Connectors,
1 signal



MATERIALI

Custodia: Nylon 6 + 60% fibra di vetro. Contatti: bronzo fosforoso con doratura

MATERIALS

Housing: Nylon 6 + 60% glass fiber. Contacts: phosphorous bronze with gold plated

SPECIFICHE TECNICHE TECHNICAL SPECIFICATIONS

| | | |
|--------------------------|---------------------|--------------------------|
| Numero di poli | Number of poles | 5 poli / 5 poles |
| Corrente Nominale | Nominal Currents | Total 9A, 2A for contact |
| Tensione Nominale | Nominal Voltage | 10-30 V AC-DC |
| Grado di protezione | Protection Class | IP67 |
| Dimensione dei Pin | Dimension of Pin | 1mm |
| Temperatura di esercizio | Working Temperature | -25/+85°C |

| COD. | 0 | 5 |
|---|-----------------------|-----------------------|
| SPECIFICHE CAVO CABLE SPECIFICATIONS | CAVO PVC PVC CABLE | CAVO PUR PUR CABLE |
| Sezioni Sections | 8x0.35 + 3G0.75 | 8x0.35 + 3G0.75 |
| Guaina Esterna Outer Jacket | PVC Nero PVC Black | PUR Nero PUR Black |
| Schermatura Shield | --- | --- |

RIPARTITORI con Cavo / SPLITTERS with Cable


**COMPOSIZIONE CODICE
CODE COMPOSITION**

| | |
|-----------|--------------------------|
| 0 = 8 vie | con led / with leds |
| 1 = 8 vie | senza led / without leds |
| 2 = 6 vie | con led / with leds |
| 3 = 6 vie | senza led / without leds |
| 4 = 4 vie | con led / with leds |
| 5 = 4 vie | senza led / without leds |

Tipologia cavo (vedi cod. in tabella)
Cable type (code like table)

0 = PVC
5 = PUR

8-81E04*1**

lunghezza cavo
cable length
0 = 5 m
1 = 10 m
2 = 15 m

**CAVO FEMMINA 4 VIE
CABLE FEMALE 4 WAY**

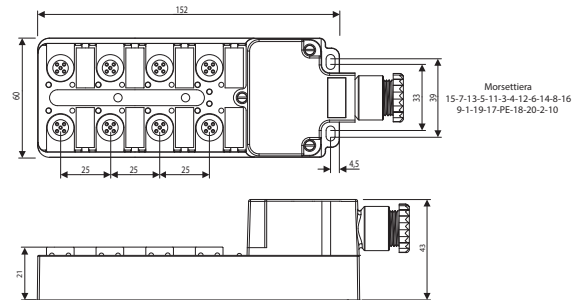
| TABELLA COLORI COLOURS TABLE | OUT M12 FEMMINA M12 OUT FEMALE |
|---------------------------------|-----------------------------------|
| 1 WH | |
| 2 GN | |
| 3 YE | |
| 4 GY | |
| 5 PK | |
| 6 RD | |
| 7 BK | |
| 8 VT | |
| 9 BU - 0,75 | |
| 10 n.c. | |
| 11 BN - 0,75 | |
| 12 YEGN - 0,75 | |

**CAVO FEMMINA 6-8 VIE
CABLE FEMALE 6-8 WAY**

| TABELLA COLORI COLOURS TABLE | OUT M12 FEMMINA M12 OUT FEMALE |
|---------------------------------|-----------------------------------|
| 1 VT | 8 - PIN4 |
| 2 RD | 6 - PIN4 |
| 3 GY | 4 - PIN4 |
| 4 RDBU | 2 - PIN2 |
| 5 GN | 2 - PIN4 |
| 6 BU - 0,75 | 1-2-3-4-5-6-7-8 PIN3 |
| 7 GYPK | 1 - PIN2 |
| 8 WHGN | 3 - PIN2 |
| 9 WHYE | 5 - PIN2 |
| 10 WHGY | 7 - PIN2 |
| 11 BK | 7 - PIN4 |
| 12 YEGN - 0,75 | 1-2-3-4-5-6-7-8 PIN5 |
| 13 YEYN | 6 - PIN2 |
| 14 BNGN | 4 - PIN2 |
| 15 WH | 1 - PIN4 |
| 16 YE | 3 - PIN4 |
| 17 PK | 5 - PIN4 |
| 18 GYBN | 8 - PIN2 |
| 19 BN - 0,75 | 1-2-3-4-5-6-7-8 PIN1 |

Cavo 19 Poli,
Connettori M12 5 Pin,
2 segnali

19 Poles Cable,
M12 5 Pin Connectors,
2 signals


MATERIALI

Custodia: Nylon 6 + 60% fibra di vetro. Contatti: bronzo fosforoso con doratura

MATERIALS

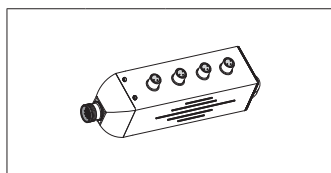
Housing: Nylon 6 + 60% glass fiber. Contacts: phosphorous bronze with gold plated

SPECIFICHE TECNICHE TECHNICAL SPECIFICATIONS

| | | |
|--------------------------|---------------------|--------------------------|
| Numero di poli | Number of poles | 5 poli / 5 poles |
| Corrente Nominale | Nominal Currents | Total 9A, 2A for contact |
| Tensione Nominale | Nominal Voltage | 10-30 V AC-DC |
| Grado di protezione | Protection Class | IP67 |
| Dimensione dei Pin | Dimension of Pin | 1mm |
| Temperatura di esercizio | Working Temperature | -25/+85°C |

| COD. | 0 | 5 |
|---|-------------------------------------|-------------------------------------|
| SPECIFICHE CAVO CABLE SPECIFICATIONS | CAVO PVC PVC CABLE | CAVO PUR PUR CABLE |
| Sezioni Sections | 8x0.35 + 3G0.75 16x0.35 + 3G0.75 | 8x0.35 + 3G0.75 16x0.35 + 3x0.75 |
| Guaina Esterna Outer Jacket | PVC Nero PVC Black | PUR Nero PUR Black |
| Schermatura Shield | --- | --- |

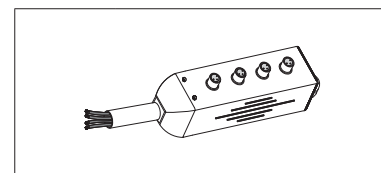
Cod. AS-BOXMA04



PIN OUT

| M12 IN - 8 pins Male | M8 OUT Female |
|----------------------|--------------------|
| 1 | A - 4 |
| 2 | B - 4 |
| 3 | C - 4 |
| 4 | D - 4 |
| 7 | (- 0V) A-B-C-D - 3 |
| 5 | (+24V) A-B-C-D - 1 |

Cod. AS-BOX804****



PIN CABLE

| COLOR CABLE | M8 OUT Female |
|-------------|---------------|
| WH | A - 4 |
| GN | B - 4 |
| YE | C - 4 |
| GY | D - 4 |
| BU (- 0V) | A-B-C-D - 3 |
| BN (+24V) | A-B-C-D - 1 |

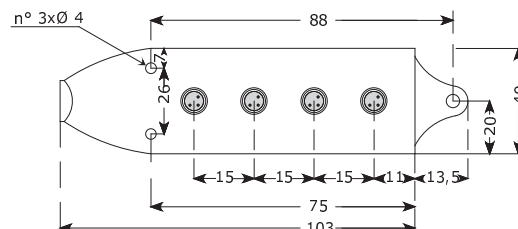
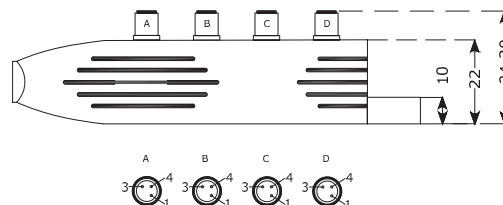
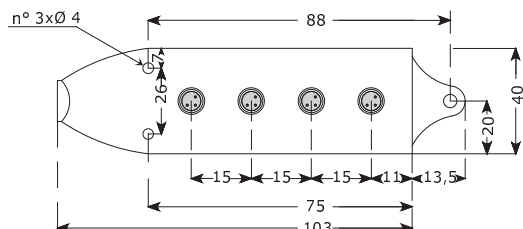
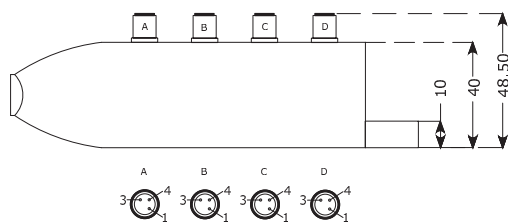
COMPOSIZIONE CODICE
CODE COMPOSITION

Tipologia cavo
(vedi cod. in tabella)
Cable type
(code like table)

AS-BOX804050*

lunghezza cavo
cable lenght

001 = 10cm
010 = 1 m
100 = 10 m



MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto stampato in bronzo fosforoso con doratura gold flash, ghiera di tenuta meccanica in Ottone Nichelato, corpo in poliamide nero durezza shore 92H, o-ring di tenuta in NBR.

MATERIALS

Contact plug in self-extinguishing ABS UL94, phosphorous bronze contact with gold flash, metal ring nut in nickel-plated brass, body in black polyamide, shore hardness 92H, o-ring in NBR.

SPECIFICHE TECNICHE

TECHNICAL SPECIFICATIONS

| Normativa di riferimento | Reference standards | IEC 61076-2-104 |
|--------------------------|---------------------|---|
| Corrente Nominale | Nominal Currents | I/O 2 A cable/connector Total 6 A cable Total 4 A connector |
| Tensione Nominale | Nominal Voltage | 10-30 V AC-DC |
| Grado di protezione | Protection Class | IP67 |
| Resistività di massa | Resistance | ≤ 5mΩ |
| Temperatura di esercizio | Working Temperature | -20/+80°C Fix Install |

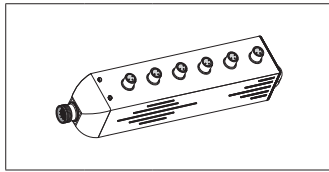
COD.

F

M

| SPECIFICHE CAVO CABLE SPECIFICATIONS | CAVO PVC POSA FISSA PVC FIXED INSTALL. CABLE | CAVO PUR POSA MOBILE PUR DYNAMIC INSTALL. CABLE |
|---|---|--|
| Sezioni Sections | 2 x 0.75 + 4 x 0.34 300 V | 2 x 0.75 + 4 x 0.34 300 V |
| Diametri Diameter | 10.0 +/- 0.2 | 10.0 +/- 0.2 |
| Conduttori Conductor | PVC Classe 6 FLEX | PVC Classe 6 FLEX |
| Norme di riferimento Reference standards | AWM style 2464 CSA | AWM style 20549 CSA |
| Guaina Esterna Outer Jacket | PVC Black Oil Resistant - Flam Retardant | PUR compound Black Oil Resistant - Flam Retardant FT1 |
| Temperatura di esercizio Working temperature | -20 / +80°C Static App. | -20 / +80°C Static App. |
| Raggio di curvatura Bending radius | 6 x Ø esterno | 6 x Ø esterno |
| Schermatura Shield | --- | --- |
| Velocità di traslazione Traslation's speed | --- | 200 m/min |
| Accelerazione Acceleration | --- | 30 m/secq |

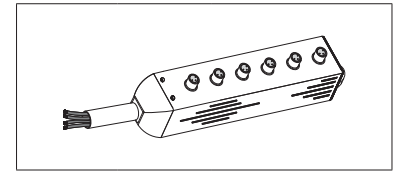
Cod. AS-BOXMA806****



PIN OUT

| M12 IN - 8 pins Male | M8 OUT Female |
|----------------------|-----------------|
| 1 | A - 4 |
| 2 | B - 4 |
| 3 | C - 4 |
| 4 | D - 4 |
| 6 | E - 4 |
| 7 (-0V) | A-B-C-D-E-F - 3 |
| 8 | F - 4 |
| 5 (+24V) | A-B-C-D-E-F - 1 |

Cod. AS-BOX806****



PIN CABLE

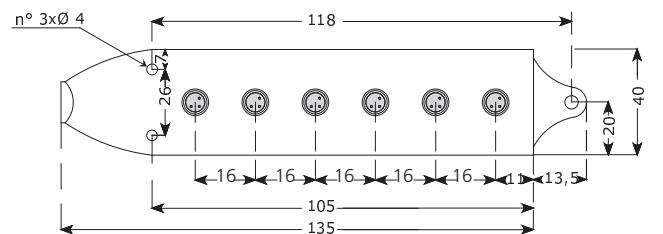
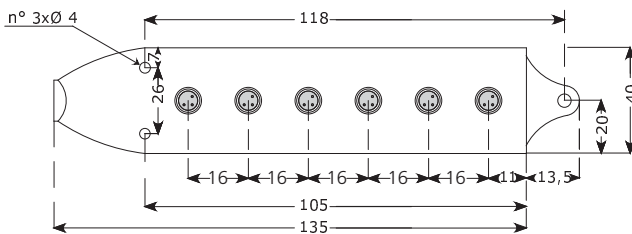
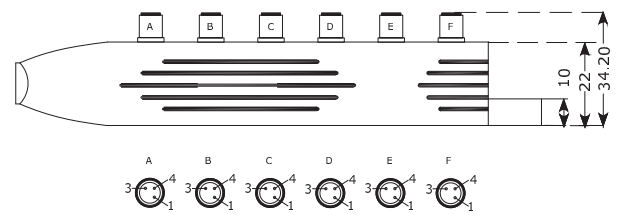
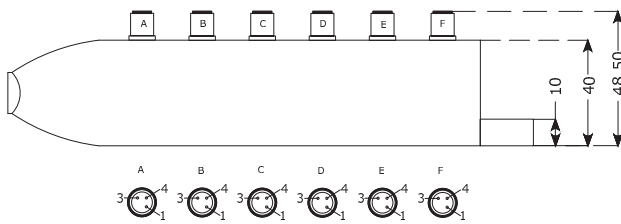
COMPOSIZIONE CODICE
CODE COMPOSITION

Tipologia cavo
(vedi cod. in tabella)
Cable type
(code like table)

AS-BOX806050*

lunghezza cavo
cable length
001 = 10 cm
010 = 1 m
100 = 10 m

| COLOR CABLE | M8 OUT Female |
|-------------|-----------------|
| WH | A - 4 |
| GN | B - 4 |
| YE | C - 4 |
| GY | D - 4 |
| PK | E - 4 |
| BU (-0V) | A-B-C-D-E-F - 3 |
| RD | F - 4 |
| BN (+24V) | A-B-C-D-E-F - 1 |



MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto stampato in bronzo fosforoso con doratura gold flash, ghiera di tenuta meccanica in Ottone Nichelato, corpo in poliammide nero durezza shore 92H, o-ring di tenuta in NBR.

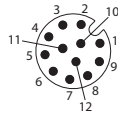
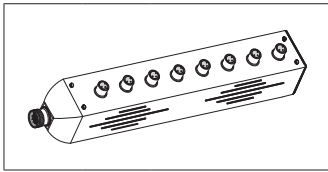
MATERIALS

Contact plug in self-extinguishing ABS UL94, phosphorous bronze contact with gold flash, metal ring nut in nickel-plated brass, body in black polyamide, shore hardness 92H, o-ring in NBR.

| SPECIFICHE TECNICHE | TECHNICAL SPECIFICATIONS |
|--------------------------|--|
| Normativa di riferimento | Reference standards IEC 61076-2-104 |
| Corrente Nominale | Nominal Currents I/O 2 A cable/connector Total 6 A cable Total 4 A connector |
| Tensione Nominale | Nominal Voltage 10-30 V AC-DC |
| Grado di protezione | Protection Class IP67 |
| Resistività di massa | Resistance ≤ 5mΩ |
| Temperatura di esercizio | Working Temperature -20/+80°C Fix Install |

| COD. | F | M |
|---|---|--|
| SPECIFICHE CAVO CABLE SPECIFICATIONS | CAVO PVC POSA FISSA PVC FIXED INSTALL. CABLE | CAVO PUR POSA MOBILE PUR DYNAMIC INSTALL. CABLE |
| Sezioni Sections | 2 x 0.75 + 6 x 0.34 300 V | 2 x 0.75 + 6 x 0.34 300 V |
| Diametri Diameter | 10.0 +/- 0.2 | 10.0 +/- 0.2 |
| Conduttori Conductor | PVC Classe 6 FLEX | PVC Classe 6 FLEX |
| Norme di riferimento Reference standards | AWM style 2464 CSA | AWM style 20549 CSA |
| Guaina Esterna Outer Jacket | PVC Black Oil Resistant - Flam Retardant | PUR compound Black Oil Resistant - Flam Retardant FT1 |
| Temperatura di esercizio Working temperature | -20 / +80°C Static App. | -20 / +80°C Static App. |
| Raggio di curvatura Bending radius | 6 x Ø esterno | 6 x Ø esterno |
| Schermatura Shield | --- | --- |
| Velocità di traslazione Traslation's speed | --- | 200 m/min |
| Accelerazione Acceleration | --- | 30 m/secq |

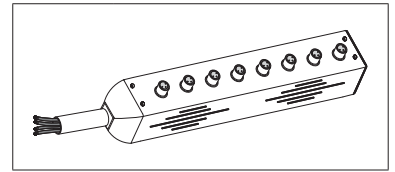
Cod. AS-BOXMB808



PIN OUT

| M12 IN - 12 pins Male | | M8 OUT Female |
|-----------------------|--------|---------------------|
| 1 | (+24V) | A-B-C-D-E-F-G-H - 1 |
| 2 | (- 0V) | A-B-C-D-E-F-G-H - 3 |
| 3 | | A - 4 |
| 4 | | B - 4 |
| 5 | | C - 4 |
| 6 | | D - 4 |
| 7 | | E - 4 |
| 8 | | F - 4 |
| 9 | | G - 4 |
| 12 | | H - 4 |

Cod. AS-BOX808****



PIN CABLE

| COLOR CABLE | M8 OUT Female |
|-------------|---------------------|
| WH | A - 4 |
| GN | B - 4 |
| YE | C - 4 |
| GY | D - 4 |
| PK | E - 4 |
| BU (- 0V) | A-B-C-D-E-F-G-H - 3 |
| RD | F - 4 |
| BK | G - 4 |
| VT | H - 4 |
| BN (+24V) | A-B-C-D-E-F-G-H - 1 |

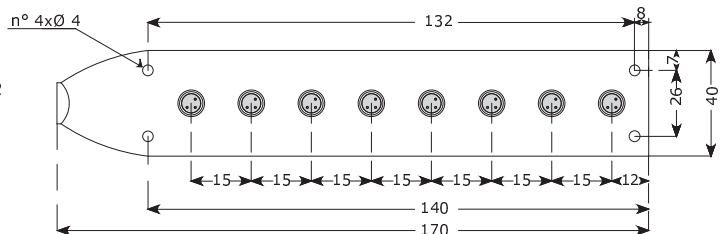
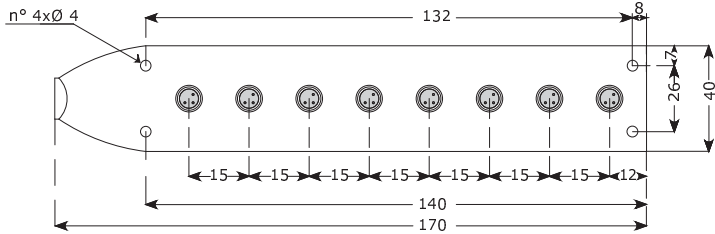
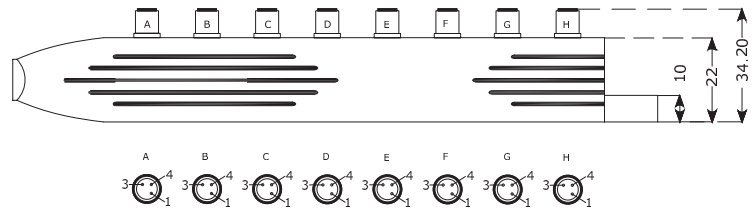
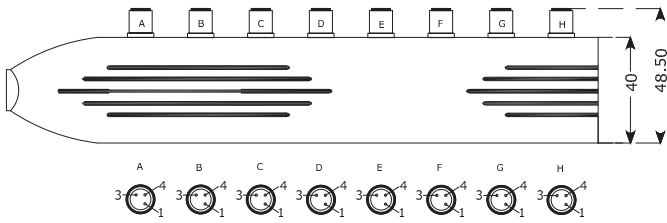
COMPOSIZIONE CODICE
CODE COMPOSITION

Tipologia cavo
(vedi cod. in tabella)
Cable type
(code like table)

AS-BOX808050*

↓

lunghezza cavo
cable length
001 = 10 cm
010 = 1 m
100 = 10 m



MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto stampato in bronzo fosforoso con doratura gold flash, ghiera di tenuta meccanica in Ottone Nichelato, corpo in poliamide nero durezza shore 92H, o-ring di tenuta in NBR.

MATERIALS

Contact plug in self-extinguishing ABS UL94, phosphorous bronze contact with gold flash, metal ring nut in nickel-plated brass, body in black polyamide, shore hardness 92H, o-ring in NBR.

SPECIFICHE TECNICHE

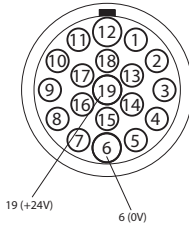
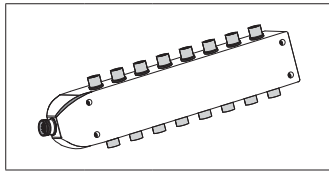
TECHNICAL SPECIFICATIONS

| Normativa di riferimento | Reference standards | IEC 61076-2-104 |
|--------------------------|---------------------|--|
| Corrente Nominale | Nominal Currents | I/O 1.5 A connector Total 1.5 A connector I/O 2 A cable Total 6 A cable |
| Tensione Nominale | Nominal Voltage | 10-30 V AC-DC |
| Grado di protezione | Protection Class | IP67 |
| Resistività di massa | Resistance | ≤ 5mΩ |
| Temperatura di esercizio | Working Temperature | -20/+80°C Fix Install |

COD.

| SPECIFICHE CAVO CABLE SPECIFICATIONS | F | M |
|---|---|--|
| | CAVO PVC POSA FISSA PVC FIXED INSTALL. CABLE | CAVO PUR POSA MOBILE PUR DYNAMIC INSTALL. CABLE |
| Sezioni Sections | 2 x 0.75 + 8 x 0.34 300 V | 2 x 0.75 + 8 x 0.34 300 V |
| Diametri Diameter | 10.0 +/- 0.2 | 10.0 +/- 0.2 |
| Conduttori Conductor | PVC Classe 6 FLEX | PVC Classe 6 FLEX |
| Norme di riferimento Reference standards | AWM style 2464 CSA | AWM style 20549 CSA |
| Guaina Esterna Outer Jacket | PVC Black Oil Resistant - Flam Retardant | PUR compound Black Oil Resistant - Flam Retardant FT1 |
| Temperatura di esercizio Working temperature | -20 / +80°C Static App. | -20 / +80°C Static App. |
| Raggio di curvatura Bending radius | 6 x Ø esterno | 6 x Ø esterno |
| Schermatura Shield | --- | --- |
| Velocità di traslazione Traslation's speed | --- | 200 m/min |
| Accelerazione Acceleration | --- | 30 m/secq |

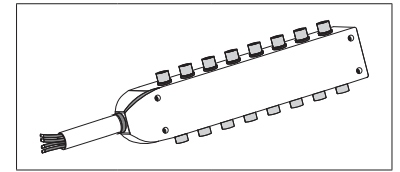
Cod. AS-BOXC816



PIN OUT

| M23 IN Male | M8 OUT Female |
|-------------|--|
| 1 | A - 4 |
| 2 | B - 4 |
| 3 | C - 4 |
| 4 | D - 4 |
| 5 | E - 4 |
| 6 (-0V) | A-B-C-D-E-F-G-H - 3 I-L-M-N-O-P-Q-R |
| 7 | F - 4 |
| 8 | G - 4 |
| 9 | H - 4 |
| 10 | I - 4 |
| 11 | L - 4 |
| 19 (+24V) | A-B-C-D-E-F-G-H - 1 I-L-M-N-O-P-Q-R |
| 13 | M - 4 |
| 14 | N - 4 |
| 15 | O - 4 |
| 16 | P - 4 |
| 17 | Q - 4 |
| 18 | R - 4 |

Cod. AS-BOX816****



PIN CABLE

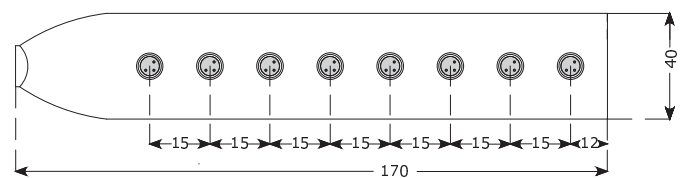
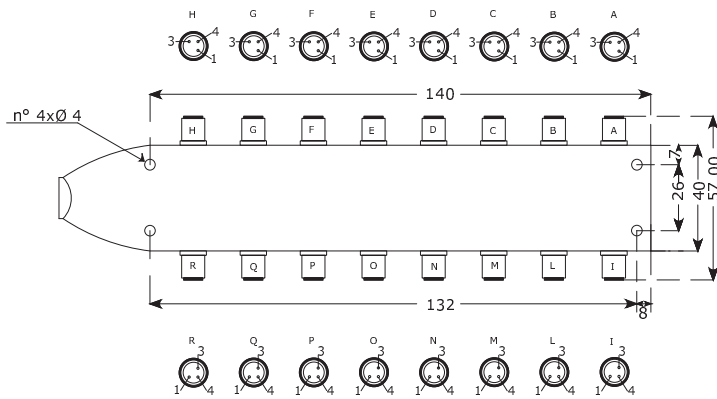
| COLOR CABLE | M8 OUT Female |
|-------------|--|
| WH | A - 4 |
| GN | B - 4 |
| YE | C - 4 |
| GY | D - 4 |
| PK | E - 4 |
| BU (-0V) | A-B-C-D-E-F-G-H - 3 I-L-M-N-O-P-Q-R |
| RD | F - 4 |
| BK | G - 4 |
| VT | H - 4 |
| GYPK | I - 4 |
| RDBU | L - 4 |
| BN (+24V) | A-B-C-D-E-F-G-H - 1 I-L-M-N-O-P-Q-R |
| WHGN | M - 4 |
| BNGN | N - 4 |
| WHYE | O - 4 |
| YEBN | P - 4 |
| WHGY | Q - 4 |
| GYBN | R - 4 |

COMPOSIZIONE CODICE
CODE COMPOSITION

Tipologia cavo (vedi cod. in tabella)
Cable type (code like table)

AS-BOX816050*

lunghezza cavo (cable length)
001 = 10 cm
010 = 1 m
100 = 10 m



MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto stampato in bronzo fosforoso con doratura gold flash, ghiera di tenuta meccanica in Ottone Nichelato, corpo in poliammide nero durezza shore 92H, o-ring di tenuta in NBR.

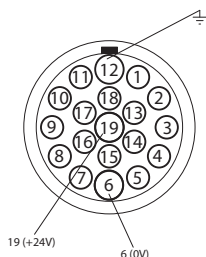
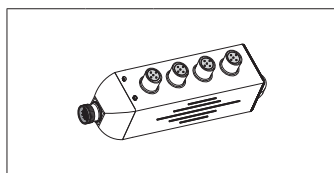
MATERIALS

Contact plug in self-extinguishing ABS UL94, phosphorous bronze contact with gold flash, metal ring nut in nickel-plated brass, body in black polyamide, shore hardness 92H, o-ring in NBR.

| SPECIFICHE TECNICHE | TECHNICAL SPECIFICATIONS |
|--------------------------|---|
| Normativa di riferimento | Reference standards IEC 61076-2-104 |
| Corrente Nominale | Nominal Currents I/O 2 A cable/connector Total 6 A cable/connector |
| Tensione Nominale | Nominal Voltage 10-30 V AC-DC |
| Grado di protezione | Protection Class IP67 |
| Resistività di massa | Resistance ≤ 5mΩ |
| Temperatura di esercizio | Working Temperature -20/+80°C Fix Install |

| COD. | F | M |
|---|---|--|
| SPECIFICHE CAVO CABLE SPECIFICATIONS | CAVO PVC POSA FISSA PVC FIXED INSTALL. CABLE | CAVO PUR POSA MOBILE PUR DYNAMIC INSTALL. CABLE |
| Sezioni Sections | 2 x 0.75 + 16 x 0.34 300 V | 2 x 0.75 + 16 x 0.34 300 V |
| Diametri Diameter | 10.0 +/- 0.2 | 10.0 +/- 0.2 |
| Conduttori Conductor | PVC Classe 6 FLEX | PVC Classe 6 FLEX |
| Norme di riferimento Reference standards | AWM style 2464 CSA | AWM style 20549 CSA |
| Guaina Esterna Outer Jacket | PVC Black Oil Resistant - Flam Retardant | PUR compound Black Oil Resistant - Flam Retardant FT1 |
| Temperatura di esercizio Working temperature | -20 / +80°C Static App. | -20 / +80°C Static App. |
| Raggio di curvatura Bending radius | 6 x Ø esterno | 6 x Ø esterno |
| Schermatura Shield | --- | --- |
| Velocità di traslazione Traslation's speed | --- | 200 m/min |
| Accelerazione Acceleration | --- | 30 m/secq |

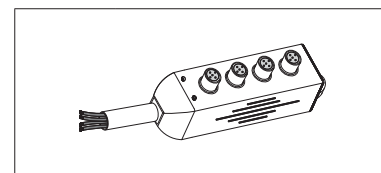
Cod. AS-BOXC1204



PIN OUT

| M23 IN Male | M12 OUT Female |
|-------------|----------------|
| 1 | A - 2 |
| 2 | A - 4 |
| 3 | B - 2 |
| 4 | B - 4 |
| 5 | C - 2 |
| 6 (- 0V) | A-B-C-D - 3 |
| 7 | C - 4 |
| 8 | D - 2 |
| 9 | D - 4 |
| 19 (+24V) | A-B-C-D - 1 |
| 12 ⊕ | A-B-C-D - 5 |

Cod. AS-BOX1204****



PIN CABLE

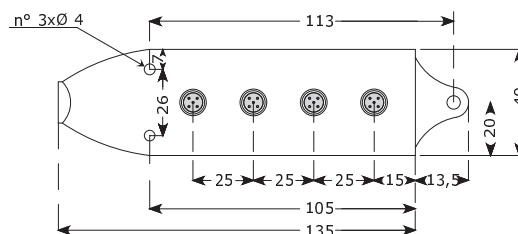
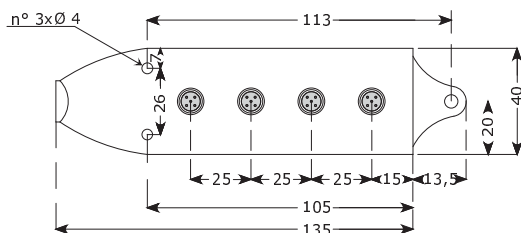
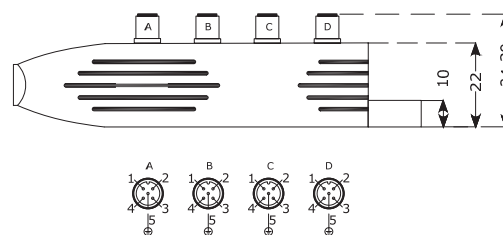
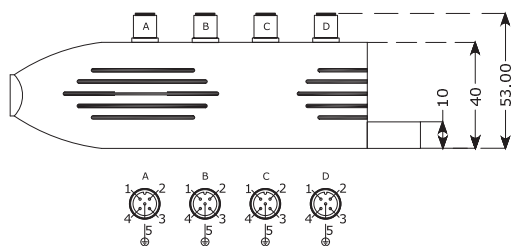
| COLOR CABLE | M12 OUT Female |
|-------------|----------------|
| WH | A - 2 |
| GN | A - 4 |
| YE | B - 2 |
| GY | B - 4 |
| PK | C - 2 |
| BU (- 0V) | A-B-C-D - 3 |
| RD | C - 4 |
| BK | D - 2 |
| VT | D - 4 |
| BN (+24V) | A-B-C-D - 1 |
| YEGN ⊕ | A-B-C-D - 5 |

COMPOSIZIONE CODICE
CODE COMPOSITION

Tipologia cavo
(vedi cod. in tabella)
Cable type
(code like table)

AS-BOX1204050*

lunghezza cavo
cable length
001 = 10 cm
010 = 1 m
100 = 10 m



MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto stampato in bronzo fosforoso con doratura gold flash, ghiera di tenuta meccanica in Ottone Nichelato, corpo in poliamide nero durezza shore 92H, o-ring di tenuta in Viton.

MATERIALS

Contact plug in self-extinguishing ABS UL94, phosphorous bronze contact with gold flash, metal ring nut in nickel-plated brass, body in black polyamide, shore hardness 92H, o-ring in Viton.

SPECIFICHE TECNICHE

TECHNICAL SPECIFICATIONS

| Normativa di riferimento | Reference standards | IEC 61076-2-101 |
|--------------------------|---------------------|---|
| Corrente Nominale | Nominal Currents | I/O 4 A cable/connector Total 12 A cable/connector |
| Tensione Nominale | Nominal Voltage | 10-30 V AC-DC |
| Grado di protezione | Protection Class | IP67 |
| Resistività di massa | Resistance | ≤ 5mΩ |
| Temperatura di esercizio | Working Temperature | -20/+80°C Fix Install |

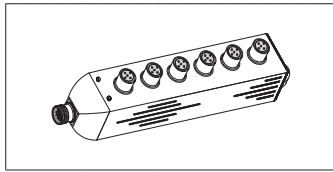
COD.

F

M

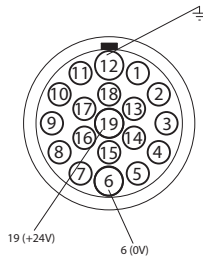
| SPECIFICHE CAVO CABLE SPECIFICATIONS | CAVO PVC POSA FISSA PVC FIXED INSTALL. CABLE | CAVO PUR POSA MOBILE PUR DYNAMIC INSTALL. CABLE |
|---|---|--|
| Sezioni Sections | 3 G 0.75 + 8 x 0.34 80° 300 V | 3 G 0.75 + 8 x 0.34 80° 300 V |
| Diametri Diameter | 8.8 +/- 0.3 | 8.8 +/- 0.3 |
| Conduttori Conductor | PVC Classe 6 FLEX | PVC Classe 6 FLEX |
| Norme di riferimento Reference standards | AWM style 2464 CSA | AWM style 20549 CSA |
| Guaina Esterna Outer Jacket | PVC Black Oil Resistant - Flam Retardant | PUR Black Oil Resistant - Flam Retardant FT1 |
| Temperatura di esercizio Working temperature | -20 / +80°C Static App. | -40 / +80°C Static App. -25 / +80°C Mobile App. |
| Raggio di curvatura Bending radius | 10 x Ø esterno | 10 x Ø esterno |
| Schermatura Shield | --- | --- |
| Velocità di traslazione Traslation's speed | --- | 200 m/min |
| Accelerazione Acceleration | --- | 7 m/secq |

Cod. AS-BOXC1206

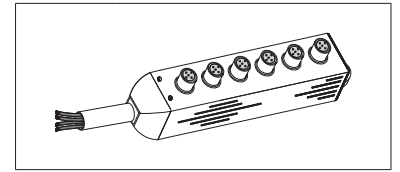


PIN OUT

| M23 IN Male | M12 OUT Female |
|-------------|-----------------|
| 1 | A - 2 |
| 2 | A - 4 |
| 3 | B - 2 |
| 4 | B - 4 |
| 5 | C - 2 |
| 6 (-0V) | A-B-C-D-E-F - 3 |
| 7 | C - 4 |
| 8 | D - 2 |
| 9 | D - 4 |
| 10 | E - 2 |
| 11 | E - 4 |
| 19 (+24V) | A-B-C-D-E-F - 1 |
| 13 | F - 2 |
| 14 | F - 4 |
| 12 ⊕ | A-B-C-D-E-F - 5 |



Cod. AS-BOX1206****



PIN CABLE

| COLOR CABLE | M12 OUT Female |
|-------------|-----------------|
| VT | A - 2 |
| RD | A - 4 |
| GY | B - 2 |
| RDBU | B - 4 |
| GN | C - 2 |
| BU (-0V) | A-B-C-D-E-F - 3 |
| GYPK | C - 4 |
| WHGN | D - 2 |
| WHYE | D - 4 |
| GYWH | E - 2 |
| BK | E - 4 |
| BN (+24V) | A-B-C-D-E-F - 1 |
| YEBN | F - 2 |
| BNGN | F - 4 |
| YEGN ⊕ | A-B-C-D-E-F - 5 |

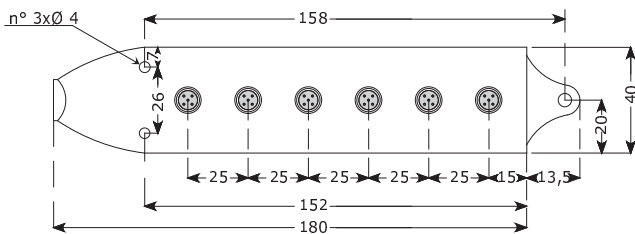
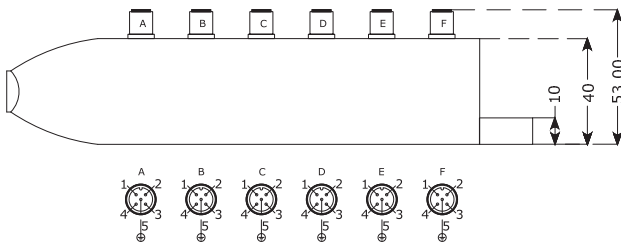
COMPOSIZIONE CODICE

CODE COMPOSITION

Tipologia cavo
(vedi cod. in tabella)
Cable type
(code like table)

AS-BOX1206050*

lunghezza cavo
Cable length
001 = 10 cm
010 = 1 m
100 = 10 m



MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto stampato in bronzo fosforoso con doratura gold flash, ghiera di tenuta meccanica in Ottone Nichelato, corpo in poliammide nero durezza shore 92H, o-ring di tenuta in Viton.

MATERIALS

Contact plug in self-extinguishing ABS UL94, phosphorous bronze contact with gold flash, metal ring nut in nickel-plated brass, body in black polyamide, shore hardness 92H, o-ring in Viton.

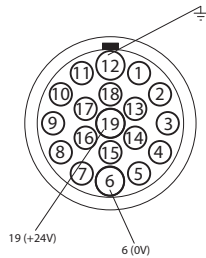
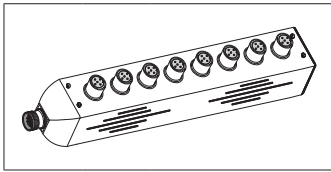
SPECIFICHE TECNICHE

TECHNICAL SPECIFICATIONS

| Normativa di riferimento | Reference standards | IEC 61076-2-101 |
|--------------------------|---------------------|---|
| Corrente Nominale | Nominal Currents | I/O 4 A cable/connector Total 12 A cable/connector |
| Tensione Nominale | Nominal Voltage | 10-30 V AC-DC |
| Grado di protezione | Protection Class | IP67 |
| Resistività di massa | Resistance | ≤ 5mΩ |
| Temperatura di esercizio | Working Temperature | -20/+80°C Fix Install |

| COD. | F | M |
|---|---|--|
| SPECIFICHE CAVO CABLE SPECIFICATIONS | CAVO PVC POSA FISSA PVC FIXED INSTALL. CABLE | CAVO PUR POSA MOBILE PUR DYNAMIC INSTALL. CABLE |
| Sezioni Sections | 3 G 0.75 + 12 x 0.34 80° 300 V | 3 G 0.75 + 12 x 0.34 80° 300 V |
| Diametri Diameter | 10.6 +/- 0.3 | 10.6 +/- 0.3 |
| Conduttori Conductor | PVC Classe 6 FLEX | PVC Classe 6 FLEX |
| Norme di riferimento Reference standards | AWM style 2464 | AWM style 20549 |
| Guaina Esterna Outer Jacket | PVC Black Oil Resistant - Flam Retardant | PUR Black Oil Resistant - Flam Retardant FT1 |
| Temperatura di esercizio Working temperature | -20 / +80°C Static App. | -20 / +80°C Static App. |
| Raggio di curvatura Bending radius | --- | --- |
| Schermatura Shield | --- | --- |
| Velocità di traslazione Traslotion's speed | --- | --- |
| Accelerazione Acceleration | --- | -- |

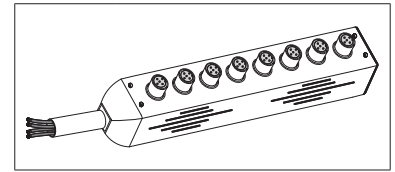
Cod. AS-BOXC1208



PIN OUT

| M23 IN Male | M12 OUT Female |
|-------------|---------------------|
| 1 | A - 2 |
| 2 | A - 4 |
| 3 | B - 2 |
| 4 | B - 4 |
| 5 | C - 2 |
| 6 (-0V) | A-B-C-D-E-F-G-H - 3 |
| 7 | C - 4 |
| 8 | D - 2 |
| 9 | D - 4 |
| 10 | E - 2 |
| 11 | E - 4 |
| 19 (+24V) | A-B-C-D-E-F-G-H - 1 |
| 13 | F - 2 |
| 14 | F - 4 |
| 15 | G - 2 |
| 16 | G - 4 |
| 17 | H - 2 |
| 18 | H - 4 |
| 12 ⊕ | A-B-C-D-E-F-G-H - 5 |

Cod. AS-BOX1208****



PIN CABLE

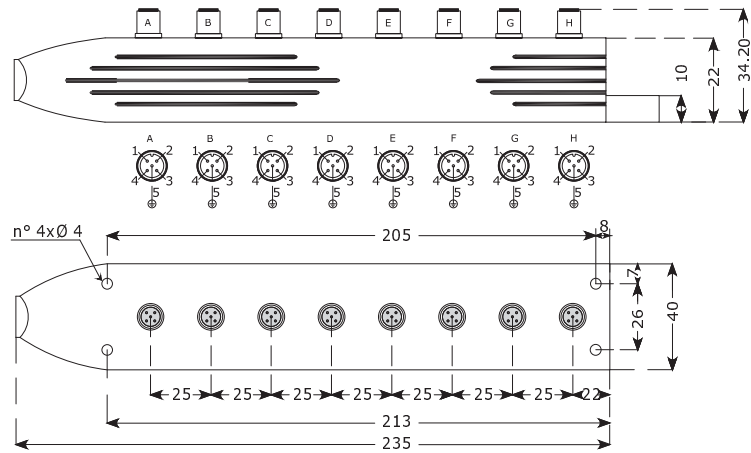
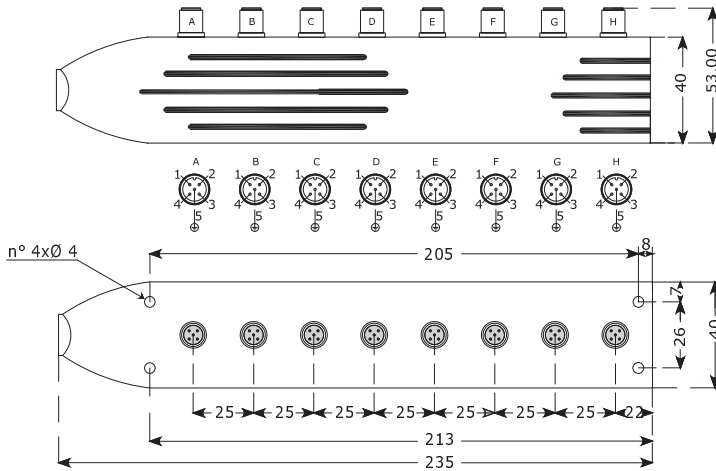
| COLOR CABLE | M12 OUT Female |
|-------------|---------------------|
| VT | A - 2 |
| RD | A - 4 |
| GY | B - 2 |
| RDBU | B - 4 |
| GN | C - 2 |
| BU (-0V) | A-B-C-D-E-F-G-H - 3 |
| GYPK | C - 4 |
| WHGN | D - 2 |
| WHYE | D - 4 |
| WHGY | E - 2 |
| BK | E - 4 |
| BN (+24V) | A-B-C-D-E-F-G-H - 1 |
| YEBN | F - 2 |
| BNGN | F - 4 |
| WH | G - 2 |
| YE | G - 4 |
| PK | H - 2 |
| GYBN | H - 4 |
| YEGN ⊕ | A-B-C-D-E-F-G-H - 5 |

COMPOSIZIONE CODICE
CODE COMPOSITION

Tipologia cavo
(vedi cod. in tabella)
Cable type
(code like table)

AS-BOX1208050*

lunghezza cavo
cable length
001 = 10 cm
010 = 1 m
100 = 10 m



MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto stampato in bronzo fosforoso con doratura gold flash, ghiera di tenuta meccanica in Ottone Nichelato, corpo in poliamide nero durezza shore 92H, o-ring di tenuta in Viton.

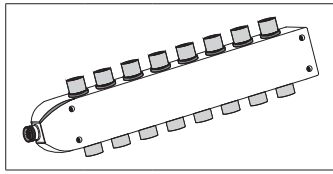
MATERIALS

Contact plug in self-extinguishing ABS UL94, phosphorous bronze contact with gold flash, metal ring nut in nickel-plated brass, body in black polyamide, shore hardness 92H, o-ring in Viton.

| SPECIFICHE TECNICHE | TECHNICAL SPECIFICATIONS |
|--------------------------|--|
| Normativa di riferimento | Reference standards IEC 61076-2-101 |
| Corrente Nominale | Nominal Currents I/O 4 A cable/connector Total 12 A cable/connector |
| Tensione Nominale | Nominal Voltage 10-30 V AC-DC |
| Grado di protezione | Protection Class IP67 |
| Resistività di massa | Resistance ≤ 5mΩ |
| Temperatura di esercizio | Working Temperature -20/+80°C Fix Install |

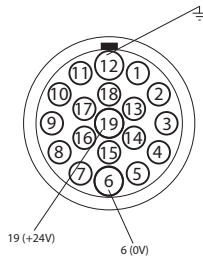
| COD. | F | M |
|---|---|--|
| SPECIFICHE CAVO CABLE SPECIFICATIONS | CAVO PVC POSA FISSA PVC FIXED INSTALL. CABLE | CAVO PUR POSA MOBILE PUR DYNAMIC INSTALL. CABLE |
| Sezioni Sections | 3 G 0.75 + 16 x 0.34 80° - 300 V | 3 G 0.75 + 16 x 0.34 80° - 300 V |
| Diametri Diameter | 10.3 +/- 0.3 | 10.6 +/- 0.3 |
| Conduttori Conductor | PVC Classe 6 FLEX | PVC Classe 6 FLEX |
| Norme di riferimento Reference standards | AWM style 2464 | AWM style 20549 |
| Guaina Esterna Outer Jacket | PVC Black Oil Resistant - Flam Retardant | PUR Black Oil Resistant - Flam Retardant FT1 |
| Temperatura di esercizio Working temperature | -20 / +80°C Static App. | -20 / +80°C Static App. |
| Raggio di curvatura Bending radius | --- | --- |
| Schermatura Shield | --- | --- |
| Velocità di traslazione Traslation's speed | --- | --- |
| Accelerazione Acceleration | --- | --- |

Cod. AS-BOXC1216

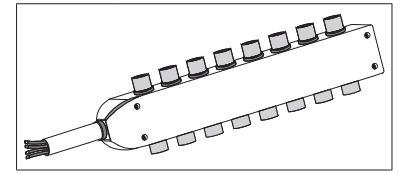


PIN OUT

| M23 IN Male | M12 OUT Female |
|-------------|--|
| 1 | A - 4 |
| 2 | B - 4 |
| 3 | C - 4 |
| 4 | D - 4 |
| 5 | E - 4 |
| 6 (-0V) | A-B-C-D-E-F-G-H - 3 I-L-M-N-O-P-Q-R |
| 7 | F - 4 |
| 8 | G - 4 |
| 9 | H - 4 |
| 10 | I - 4 |
| 11 | L - 4 |
| 19 (+24V) | A-B-C-D-E-F-G-H - 1 I-L-M-N-O-P-Q-R |
| 13 | M - 4 |
| 14 | N - 4 |
| 15 | O - 4 |
| 16 | P - 4 |
| 17 | Q - 4 |
| 18 | R - 4 |
| 12 ⊕ | A-B-C-D-E-F-G-H - 5 I-L-M-N-O-P-Q-R |



Cod. AS-BOX1216****



PIN CABLE

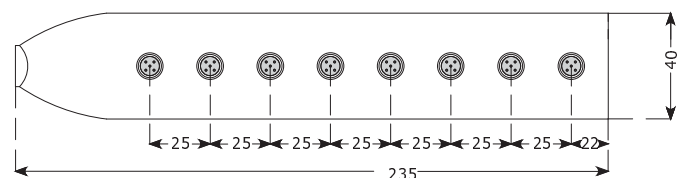
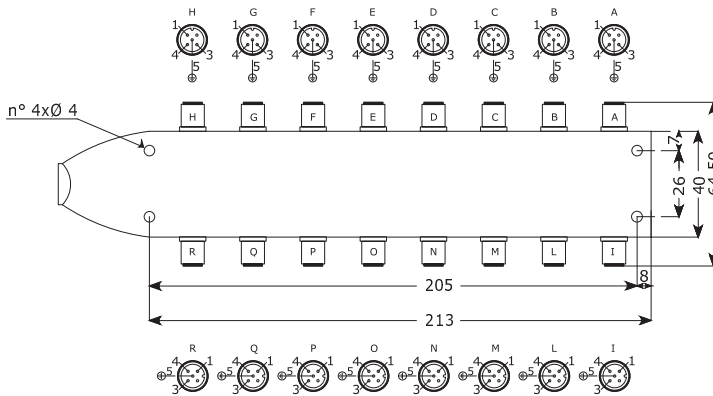
| COLOR CABLE | M12 OUT Female |
|-------------|--|
| VT | A - 4 |
| RD | B - 4 |
| GY | C - 4 |
| RDBU | D - 4 |
| PK | E - 4 |
| BU (-0V) | A-B-C-D-E-F-G-H - 3 I-L-M-N-O-P-Q-R |
| GYPK | F - 4 |
| WHGN | G - 4 |
| WHYE | H - 4 |
| WHGY | I - 4 |
| BK | L - 4 |
| BN (+24V) | A-B-C-D-E-F-G-H - 1 I-L-M-N-O-P-Q-R |
| YEBN | M - 4 |
| BNGN | N - 4 |
| WH | O - 4 |
| YE | P - 4 |
| PK | Q - 4 |
| GYBN | R - 4 |
| YEGN ⊕ | A-B-C-D-E-F-G-H - 5 I-L-M-N-O-P-Q-R |

COMPOSIZIONE CODICE
CODE COMPOSITION

Tipologia cavo (vedi cod. in tabella)
Cable type (code like table)

AS-BOX1216050*

lunghezza cavo cable length
001 = 10 cm
010 = 1 m
100 = 10 m



MATERIALI

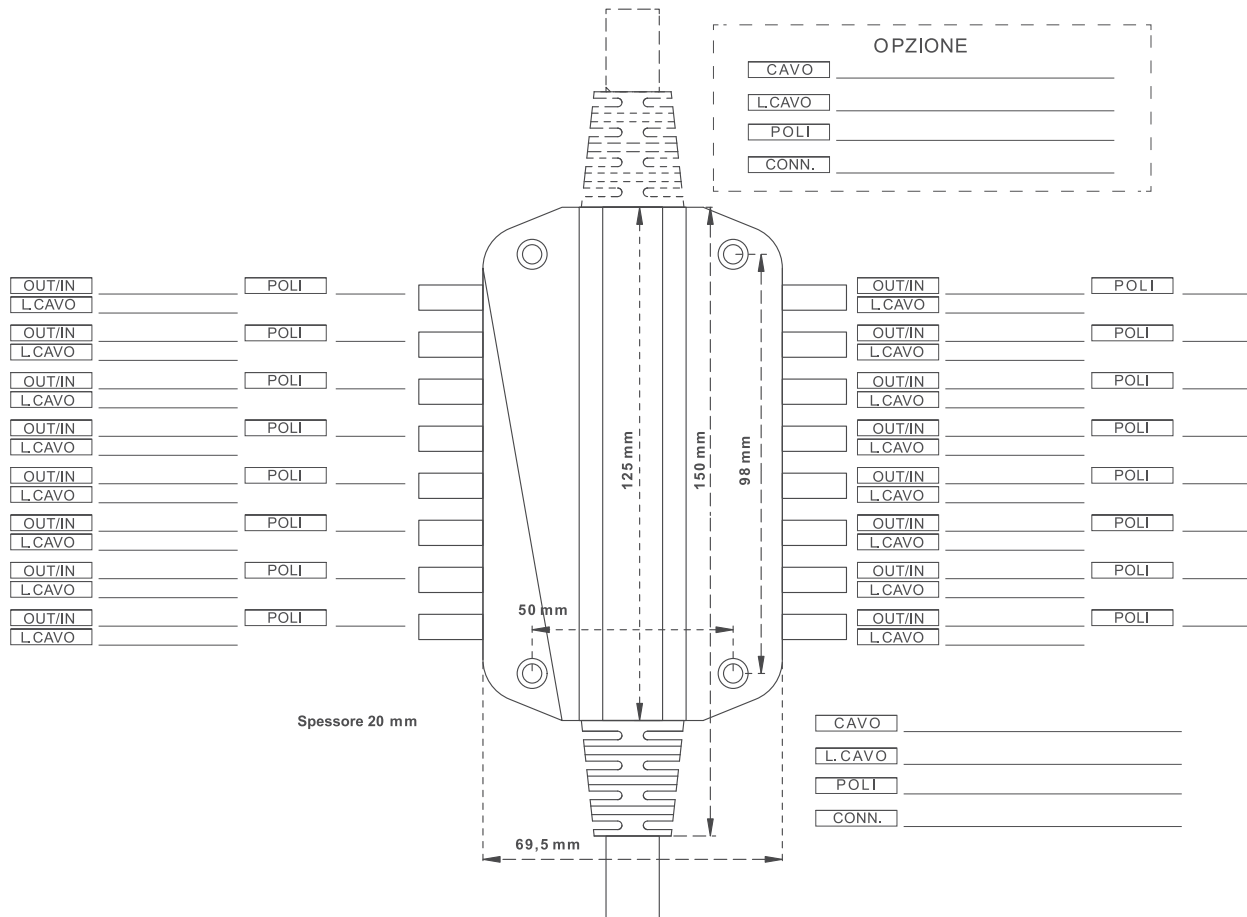
Portacontatto in ABS V0 UL94 autoestinguente, contatto stampato in bronzo fosforoso con doratura gold flash, ghiera di tenuta meccanica in Ottone Nichelato, corpo in poliammide nero durezza shore 92H, o-ring di tenuta in Viton.

MATERIALS

Contact plug in self-extinguishing ABS UL94, phosphorous bronze contact with gold flash, metal ring nut in nickel-plated brass, body in black polyamide, shore hardness 92H, o-ring in Viton.

| SPECIFICHE TECNICHE | TECHNICAL SPECIFICATIONS |
|--------------------------|--|
| Normativa di riferimento | Reference standards IEC 61076-2-101 |
| Corrente Nominale | Nominal Currents I/O 4 A cable/connector Total 12 A cable/connector |
| Tensione Nominale | Nominal Voltage 10-30 V AC-DC |
| Grado di protezione | Protection Class IP67 |
| Resistività di massa | Resistance ≤ 5mΩ |
| Temperatura di esercizio | Working Temperature -20/+80°C Fix Install |

| COD. | F | M |
|---|---|--|
| SPECIFICHE CAVO CABLE SPECIFICATIONS | CAVO PVC POSA FISSA PVC FIXED INSTALL. CABLE | CAVO PUR POSA MOBILE PUR DYNAMIC INSTALL. CABLE |
| Sezioni Sections | 3 G 0.75 + 16 x 0.34 80° - 300 V | 3 G 0.75 + 16 x 0.34 80° - 300 V |
| Diametri Diameter | 10.6 +/- 0.3 | 10.6 +/- 0.3 |
| Conduttori Conductor | PVC Classe 6 FLEX | PVC Classe 6 FLEX |
| Norme di riferimento Reference standards | AWM style 2464 | AWM style 20549 |
| Guaina Esterna Outer Jacket | PVC Black Oil Resistant - Flam Retardant | PUR Black Oil Resistant - Flam Retardant FT1 |
| Temperatura di esercizio Working temperature | -20 / +80°C Static App. | -20 / +80°C Static App. |
| Raggio di curvatura Bending radius | --- | --- |
| Schermatura Shield | --- | --- |
| Velocità di traslazione Traslation's speed | --- | --- |
| Accelerazione Acceleration | --- | --- |



OUT/IN

CAVO
CABLE

| | | | |
|----|---|--|-----------------|
| A | M12 Dritto Maschio <i>Axial Male</i> | | vedi pag. 11-18 |
| A1 | M12 Dritto Femmina <i>Axial Female</i> | | |
| B | M12 90° Maschio <i>90° Male</i> | | vedi pag. 11-18 |
| B1 | M12 90° Femmina <i>90° Female</i> | | |
| C | M8 Dritto Maschio <i>Axial Male</i> | | vedi pag. 6-10 |
| C1 | M8 Dritto Femmina <i>Axial Female</i> | | |
| D | M8 90° Maschio <i>90° Male</i> | | vedi pag. 6-10 |
| D1 | M8 90° Femmina <i>90° Female</i> | | |

OUT/IN

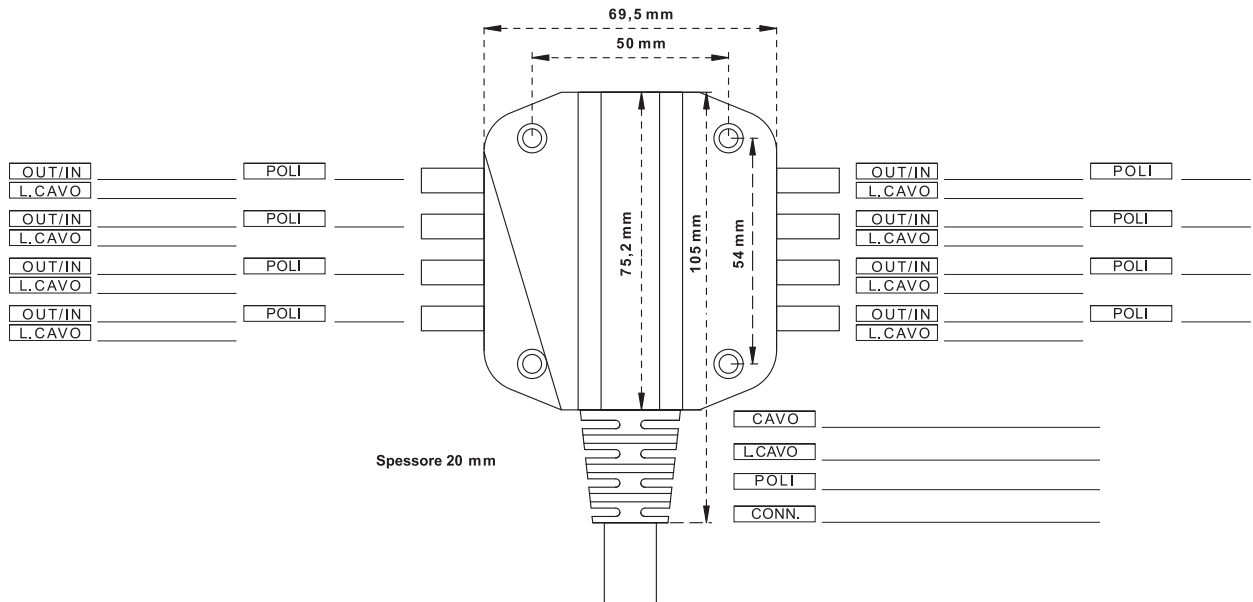
CAVO
CABLE

| | | | |
|----|--|--|---------------|
| E | DIN 43650 - A 18 mm 2 P. + GND H6/12 | | vedi pag. 128 |
| F | DIN 43650 - B IND. 11 mm 2 P. + GND H6/12 | | vedi pag. 129 |
| F5 | DIN 43650 - B 10 mm 2 P. + GND H6 | | vedi pag. 129 |
| F6 | DIN 43650 - B 10 mm 2 P. + GND H12 | | vedi pag. 130 |
| G | DIN 43650 - C IND. 9.4 mm 2 P. + GND H6/12 | | vedi pag. 132 |
| G5 | DIN 43650 - C 8 mm 2 P. + GND H6/12 | | vedi pag. 131 |

OUT/IN

CAVO
CABLE

| | | | |
|----|---|--|--------------|
| X | M23 Dritto Maschio <i>Axial Male</i> | | vedi pag. 92 |
| X1 | M23 Dritto Femmina <i>Axial Female</i> | | |
| X2 | M23 90° Maschio <i>90° Male</i> | | |
| X3 | M23 90° Femmina <i>90° Female</i> | | |



OUT/IN

CAVO
CABLE

| | | | |
|----|---|--|-----------------|
| A | M12 Dritto Maschio <i>Axial Male</i> | | vedi pag. 11-18 |
| A1 | M12 Dritto Femmina <i>Axial Female</i> | | |
| B | M12 90° Maschio <i>90° Male</i> | | vedi pag. 11-18 |
| B1 | M12 90° Femmina <i>90° Female</i> | | |
| C | M8 Dritto Maschio <i>Axial Male</i> | | vedi pag. 6-10 |
| C1 | M8 Dritto Femmina <i>Axial Female</i> | | |
| D | M8 90° Maschio <i>90° Male</i> | | vedi pag. 6-10 |
| D1 | M8 90° Femmina <i>90° Female</i> | | |

OUT/IN

CAVO
CABLE

| | | | |
|----|--|--|---------------|
| E | DIN 43650 - A 18 mm 2 P. + GND H6/12 | | vedi pag. 128 |
| F | DIN 43650 - B IND. 11 mm 2 P. + GND H6/12 | | vedi pag. 129 |
| F5 | DIN 43650 - B 10 mm 2 P. + GND H6 | | vedi pag. 129 |
| F6 | DIN 43650 - B 10 mm 2 P. + GND H12 | | vedi pag. 130 |
| G | DIN 43650 - C IND. 9.4 mm 2 P. + GND H6/12 | | vedi pag. 132 |
| G5 | DIN 43650 - C 8 mm 2 P. + GND H6/12 | | vedi pag. 131 |

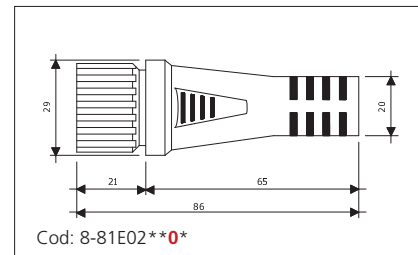
OUT/IN

CAVO
CABLE

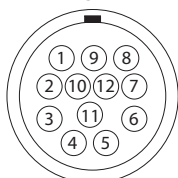
| | | | |
|----|---|--|--------------|
| X | M23 Dritto Maschio <i>Axial Male</i> | | vedi pag. 92 |
| X1 | M23 Dritto Femmina <i>Axial Female</i> | | |
| X2 | M23 90° Maschio <i>90° Male</i> | | |
| X3 | M23 90° Femmina <i>90° Female</i> | | |

Per le lunghezze a richiesta il minimo quantitativo ordinabile è di 50 pz .

For on request length the minimum ordering is 50 pcs.



12 POLI FEMMINA / 12 PINS FEMALE

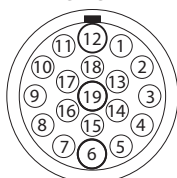


Cod: 8-81E02*0**

TABELLA COLORI COLOURS TABLE

| | |
|----|-------------|
| 1 | WH |
| 2 | GN |
| 3 | YE |
| 4 | GY |
| 5 | PK |
| 6 | RD |
| 7 | BK |
| 8 | VT |
| 9 | BU - 0,7 |
| 10 | n.c. |
| 11 | BN - 0,75 |
| 12 | YEGN - 0,75 |

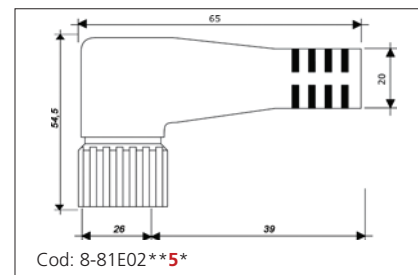
19 POLI FEMMINA / 19 PINS FEMALE



Cod: 8-81E02*5**

TABELLA COLORI COLOURS TABLE

| | |
|----|-------------|
| 1 | VT |
| 2 | RD |
| 3 | GY |
| 4 | RDBU |
| 5 | GN |
| 6 | BU - 0,75 |
| 7 | GYPK |
| 8 | WHGN |
| 9 | WHYE |
| 10 | WHGY |
| 11 | BK |
| 12 | YEGN - 0,75 |
| 13 | YEBN |
| 14 | BNGN |
| 15 | WH |
| 16 | YE |
| 17 | PK |
| 18 | GYBN |
| 19 | BN - 0,75 |



CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Lunghezza variabile / Variable length

ON REQUEST

MATERIALI

Portacontatto in plastica, contatto tornito in ottone dorato, ghiera di tenuta meccanica in Ottone Nichelato, corpo in poliammide nero durezza shore 92H.
Grado di protezione: IP67.

MATERIALS

Plastic contact plug, turned contact with gold plating, metal ring nut in nickel-plated brass, body in black polyamide, shore hardness 92H.
Protection: IP67.

COMPOSIZIONE CODICE CODE COMPOSITION

| | |
|---|--|
| Tipologia cavo (vedi cod. in tabella) Cable type (like table) | Connettore (vedi disegno) Cable type (like drawing) |
| 0 = PVC 5 = PUR | 0 = Dritto/Axial 5 = 90° |
| 8 - 8 1 E 0 2 * * * * | |
| Poli (vedi col. conduttori) Poles (refer to coloring conductors) | lunghezza cavo cable length |
| 0 = 12 Poli/Poles 1 = 19 Poli/Poles | 0 = 5 m 1 = 10 m 2 = 15 m |

| COD. | 12 POLI / 12 POLES | | 19 POLI / 19 POLES | |
|---|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| | 0 | 5 | 0 | 5 |
| SPECIFICHE CAVO CABLE SPECIFICATIONS | CAVO PVC PVC CABLE | CAVO PUR PUR CABLE | CAVO PVC PVC CABLE | CAVO PUR PUR CABLE |
| Sezioni Sections | 3 G 0.75 + 8 x 0.35 | 3 G 0.75 + 8 x 0.35 | 3 G 0.75 + 16 x 0.35 | 3 G 0.75 + 16 x 0.35 |
| Diametri Diameter | 5.5 +/- 0.1 | 7.0 +/- 0.2 | 10.4 +/- 0.1 | 10.5 +/- 0.1 |
| Conduttori Conductor | PVC Classe 6 FLEX | PVC Classe 6 FLEX | PVC Classe 6 FLEX | PVC Classe 6 FLEX |
| Norme di riferimento Reference standards | AWM style 2464 CSA | AWM style 20233 | AWM style 2464 | AWM style 20233 |
| Guaina Esterna Outer Jacket | PVC Black Flam Retardant | PUR Black Flam Retardant | PVC Black Flam Retardant | PUR Black Flam Retardant |
| Temperatura di esercizio Working temperature | -15 / +80°C Mobile App. | -15 / +80°C Mobile App. | -15 / +80°C Mobile App. | -15 / +80°C Mobile App. |
| Raggio di curvatura Bending radius | 10 x Ø esterno | 10 x Ø esterno | 10 x Ø esterno | 10 x Ø esterno |
| Schermatura Shield | --- | --- | --- | --- |
| Velocità di traslazione Traslation's speed | 160 mt / min | 220 mt / min | 160 mt / min | 220 mt / min |
| Accelerazione Acceleration | 6 mt / secq | 10 mt / secq | 6 mt / secq | 10 mt / secq |