

**Progress-M**

Material: Messing vernickelt  
 Dichteinsatz: TPE  
 O-Ring: NBR  
 Zugentlastung: nach EN 62444, Ausf. A  
 Einsatztemperatur: -40 °C bis 100 °C  
 Schutzart: IP 68/IP 69K

Material: brass, nickel-plated  
 Sealing insert: TPE  
 O-ring: NBR  
 Strain relief: acc. to EN 62444, version A  
 Temperature range: -40 °C to 100 °C  
 Protection type: IP 68/IP 69K

**101.00**  
**101.20**

SEV-geprüft nach EN 50262

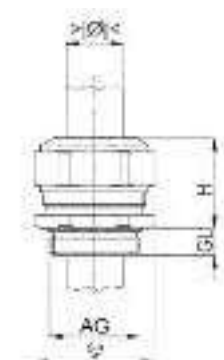
SEV approved acc. to EN 50262

Weitere internationale Zulassungen vorhanden

Further international approvals available



Gewinde Entry Thread AG			H mm	Gew. kurz / Thread short		Gew. lang / Thread long	
				GL mm	HUGRO No.	GL mm	HUGRO No.
<b>kurzer, einteiliger Dichteinsatz / short, one-piece sealing insert</b>							
M 6 x 1	2 - 2,5	8	12	5	101.0602.00	8	101.0602.20
M 6 x 1	2,5 - 3	8	12	5	101.0603.00	8	101.0603.20
M 6 x 1	3 - 3,5	8	12	5	101.0604.00	8	101.0604.20
M 8 x 1,25	2,5 - 3,5	11	14	5	101.0803.00	10	101.0803.20
M 8 x 1,25	3,5 - 5	11	14	5	101.0805.00	10	101.0805.20
M 10 x 1,5	3 - 4	13	15	5	101.1004.00	10	101.1004.20
M 10 x 1,5	4 - 6	13	15	5	101.1006.00	10	101.1006.20
M 12 x 1,5	3,5 - 5	15	17	5	101.1505.00	10	101.1505.20
M 12 x 1,5	5 - 6,5	15	17	5	101.1506.00	10	101.1506.20
M 12 x 1,5	6,5 - 8	15	17	5	101.1508.00	10	101.1508.20
M 16 x 1,5	3,5 - 4,5	18	20	5	101.1704.00	10	101.1704.20
M 16 x 1,5	4,5 - 6	18	20	5	101.1706.00	10	101.1706.20
M 16 x 1,5	6 - 8	18	20	5	101.1708.00	10	101.1708.20
M 16 x 1,5	8 - 10,5	18	22	5	101.1710.00	10	101.1710.20
M 20 x 1,5	6 - 8	24	21	6	101.2008.00	10	101.2008.20
M 20 x 1,5	8 - 11	24	21	6	101.2011.00	10	101.2011.20
M 20 x 1,5	11 - 15	24	23	6	101.2015.00	10	101.2015.20
M 25 x 1,5	9,5 - 12,5	30	25	7	101.2512.00	11	101.2512.20
M 25 x 1,5	12,5 - 16	30	25	7	101.2516.00	11	101.2516.20
M 25 x 1,5	16 - 20,5	30	28	7	101.2520.00	11	101.2520.20
M 32 x 1,5	14 - 17	36	28	8	101.3217.00	13	101.3217.20
M 32 x 1,5	17 - 21	36	28	8	101.3221.00	13	101.3221.20
M 32 x 1,5	21 - 25,5	36	28	8	101.3225.00	13	101.3225.20
M 40 x 1,5	20 - 24	46	31	8	101.4024.00	13	101.4024.20
M 40 x 1,5	24 - 28,5	46	31	8	101.4028.00	13	101.4028.20
M 40 x 1,5	28,5 - 33	46	31	8	101.4033.00	13	101.4033.20
M 50 x 1,5	29 - 33	55	34	9	101.5033.00	14	101.5033.20
M 50 x 1,5	33 - 37	55	34	9	101.5037.00	14	101.5037.20
M 50 x 1,5	37 - 42	55	34	9	101.5042.00	14	101.5042.20
M 63 x 1,5	35 - 40	70	37	10	101.6340.00	14	101.6340.20
M 63 x 1,5	40 - 46	70	37	10	101.6346.00	14	101.6346.20
M 63 x 1,5	46 - 52	70	37	10	101.6352.00	14	101.6352.20
M 75 x 1,5	45 - 50	80	38	11	101.7450.00	15	101.7450.20
M 75 x 1,5	50 - 56	80	38	11	101.7456.00	15	101.7456.20
M 75 x 1,5	56 - 63	80	38	11	101.7463.00	15	101.7463.20
M 85 x 2	63 - 70	95	41	18	101.8F70.00		
M 95 x 2	68 - 75	110	51	20	101.9C75.00		
M 95 x 2	73 - 80	110	51	20	101.9C80.00		
M 100 x 3	78 - 85	115	51	22	101.9L85.00		
M 105 x 3	83 - 90	120	52	22	101.9N90.00		
M 115 x 3	88 - 95	125	52	22	101.9P95.00		
<b>kurzer, zweiteiliger Dichteinsatz / short, two-piece sealing insert</b>							
M 16 x 1,5	6 - 10,5	18	22	5	101.1702.00	10	101.1702.20
M 20 x 1,5	8 - 15	24	23	6	101.2002.00	10	101.2002.20
M 25 x 1,5	12,5 - 20,5	30	28	7	101.2502.00	11	101.2502.20
M 32 x 1,5	17 - 25,5	36	28	8	101.3202.00	13	101.3202.20
M 40 x 1,5	24 - 33	46	31	8	101.4002.00	13	101.4002.20
M 50 x 1,5	33 - 42	55	34	9	101.5002.00	14	101.5002.20
M 63 x 1,5	40 - 52	70	37	10	101.6302.00	14	101.6302.20
M 75 x 1,5	50 - 63	80	38	11	101.7402.00	15	101.7402.20



**Auf Anfrage:**

- erhältlich mit Dichteinsatz gemäß EN 45545

**On request:**

- available with sealing inserts according to EN 45545

## Progress-M (Pg)

Material: Messing vernickelt  
 Dichteinsatz: TPE  
 O-Ring: NBR  
 Einsatztemperatur: -40 °C bis 100 °C  
 Schutzart: IP 68/IP 69K

Material: brass, nickel-plated  
 Sealing insert: TPE  
 O-ring: NBR  
 Temperature range: -40 °C to 100 °C  
 Protection type: IP 68/IP 69K

**101.00**  
**101.20**

Weitere internationale Zulassungen vorhanden

Further international approvals available

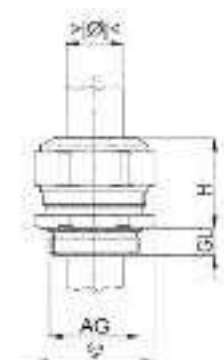


Gewinde Entry Thread AG			H mm	Gew. kurz / Thread short		Gew. lang / Thread long	
				GL mm	HUGRO No.	GL mm	HUGRO No.

kurzer, einteiliger Dichteinsatz / short, one-piece sealing insert							
Pg 7	3,5 - 5	15	17	6	101.0705.00	10	101.0705.20
Pg 7	5 - 6,5	15	17	6	101.0706.00	10	101.0706.20
Pg 7	6,5 - 8	15	17	6	101.0708.00	10	101.0708.20
Pg 9	3,5 - 4,5	18	20	6	101.0904.00	10	101.0904.20
Pg 9	4,5 - 6	18	20	6	101.0906.00	10	101.0906.20
Pg 9	6 - 8	18	20	6	101.0908.00	10	101.0908.20
Pg 9	8 - 10,5	18	22	6	101.0910.00	10	101.0910.20
Pg 11	4 - 5,5	21	21	6	101.1105.00	10	101.1105.20
Pg 11	5,5 - 8,5	21	21	6	101.1108.00	10	101.1108.20
Pg 11	8,5 - 12	21	21	6	101.1112.00	10	101.1112.20
Pg 13,5	6 - 8	24	21	6	101.1308.00	10	101.1308.20
Pg 13,5	8 - 11	24	21	6	101.1311.00	10	101.1311.20
Pg 13,5	11 - 15	24	23	6	101.1315.00	10	101.1315.20
Pg 16	6 - 8	24	23	6	101.1608.00	10	101.1608.20
Pg 16	8 - 11	24	23	6	101.1611.00	10	101.1611.20
Pg 16	11 - 15	24	23	6	101.1615.00	10	101.1615.20
Pg 21	9,5 - 12,5	30	28	7,5	101.2112.00	12	101.2112.20
Pg 21	12,5 - 16	30	28	7,5	101.2116.00	12	101.2116.20
Pg 21	16 - 20,5	30	28	7,5	101.2120.00	12	101.2120.20
Pg 29	16 - 19	38	28	8	101.2919.00	12	101.2919.20
Pg 29	19 - 23	38	28	8	101.2923.00	12	101.2923.20
Pg 29	23 - 27,5	38	28	8	101.2927.00	12	101.2927.20
Pg 36	21,5 - 26	50	32	8	101.3626.00	15	101.3626.20
Pg 36	26 - 30,5	50	32	8	101.3630.00	15	101.3630.20
Pg 36	30,5 - 35	50	32	8	101.3635.00	15	101.3635.20
Pg 42	29 - 33	55	34	10	101.4233.00	15	101.4233.20
Pg 42	33 - 37	55	34	10	101.4237.00	15	101.4237.20
Pg 42	37 - 42	55	34	10	101.4242.00	15	101.4242.20
Pg 48	32 - 37	65	37	11	101.4837.00	15	101.4837.20
Pg 48	37 - 43	65	37	11	101.4843.00	15	101.4843.20
Pg 48	43 - 49	65	37	11	101.4849.00	15	101.4849.20

kurzer, zweiteiliger Dichteinsatz / short, two-piece sealing insert							
Pg 9	6 - 10,5	18	22	6	101.0902.00	10	101.0902.20
Pg 11	5,5 - 12	21	21	6	101.1102.00	10	101.1102.20
Pg 13,5	8 - 15	24	23	6	101.1302.00	10	101.1302.20
Pg 16	8 - 15	24	23	6	101.1602.00	10	101.1602.20
Pg 21	12,5 - 20,5	30	28	7,5	101.2102.00	12	101.2102.20
Pg 29	19 - 27,5	38	28	8	101.2902.00	12	101.2902.20
Pg 36	26 - 35	50	32	8	101.3602.00	15	101.3602.20
Pg 42	33 - 42	55	34	10	101.4202.00	15	101.4202.20
Pg 48	37 - 49	65	37	11	101.4802.00	15	101.4802.20

**Auf Anfrage:** - erhältlich mit Dichteinsatz gemäß EN 45545  
**On request:** - available with sealing inserts according to EN 45545



## Progress-M (NPT)

Material: Messing vernickelt  
 Dichteinsatz: TPE  
 Einsatztemperatur: -40 °C bis 100 °C  
 Schutzart: IP 68

Material: brass, nickel-plated  
 Sealing insert: TPE  
 Temperature range: -40 °C to 100 °C  
 Protection type: IP 68

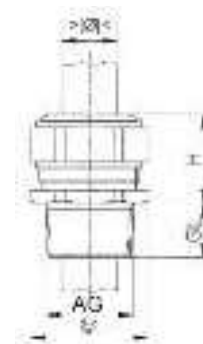
**101.00**

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Further international approvals available



Gewinde Entry Thread AG			H mm	GL mm	HUGRO No.
<b>kurzer, einteiliger Dichteinsatz / short, one-piece sealing insert</b>					
1/8" NPT	3 - 4	13	15	8	101.0304.00
1/8" NPT	4 - 6	13	15	8	101.0306.00
1/4" NPT	3,5 - 5	15	17	12	101.0405.00
1/4" NPT	5 - 6,5	15	17	12	101.0406.00
1/4" NPT	6,5 - 8	15	17	12	101.0408.00
3/8" NPT	3,5 - 4,5	18	20	12	101.3904.00
3/8" NPT	4,5 - 6	18	20	12	101.3906.00
3/8" NPT	6 - 8	18	20	12	101.3908.00
3/8" NPT	8 - 10,5	18	22	12	101.3910.00
1/2" NPT	6 - 8	24	21	15	101.1908.00
1/2" NPT	8 - 11	24	21	15	101.1911.00
1/2" NPT	11 - 15	24	23	15	101.1915.00
3/4" NPT	9,5 - 12,5	30	28	15	101.3512.00
3/4" NPT	12,5 - 16	30	28	15	101.3516.00
3/4" NPT	16 - 20,5	30	28	15	101.3520.00
1" NPT	14 - 17	36	28	20	101.7517.00
1" NPT	17 - 21	36	28	20	101.7521.00
1" NPT	21 - 25,5	36	28	20	101.7525.00
1 1/4" NPT	20 - 24	46	31	20	101.7624.00
1 1/4" NPT	24 - 28,5	46	31	20	101.7628.00
1 1/4" NPT	28,5 - 33	46	31	20	101.7633.00
1 1/2" NPT	29 - 33	55	34	22	101.7733.00
1 1/2" NPT	33 - 37	55	34	22	101.7737.00
1 1/2" NPT	37 - 41	55	34	22	101.7741.00
2" NPT	35 - 40	70	37	22	101.7840.00
2" NPT	40 - 46	70	37	22	101.7846.00
2" NPT	46 - 52	70	37	22	101.7852.00
<b>kurzer, zweiteiliger Dichteinsatz / short, two-piece sealing insert</b>					
3/8" NPT	6 - 10,5	18	22	12	101.3902.00
1/2" NPT	8 - 15	24	23	15	101.1902.00
3/4" NPT	12,5 - 20,5	30	28	15	101.3502.00
1" NPT	17 - 25,5	36	28	20	101.7502.00
1 1/4" NPT	24 - 33	46	31	20	101.7602.00
1 1/2" NPT	33 - 41	55	34	22	101.7702.00
2" NPT	40 - 52	70	37	22	101.7802.00



Hygienic

Cable Glands

EMC Protection

Ex Protection

Conduit Protection Syst.

Accessories

Technical Appendix

Article Number Index