

profiPLUS 70

profiPLUS 70 is a modern suspension arm system which combines ergonomic design with advanced technology. The highly attractive appearance perfectly matches the design of modern machines. profiPLUS 70 offers more room for cables and connections than the smaller profiPLUS 50 system. At the same time, the system's bearing strength is significantly higher.

The profiPLUS 70 system is designed for time-saving assembly. For this, ROLEC engineers have developed the "one-screw adjustment" feature which means the system can be fully adjusted by just a single screw. All system couplings are pre-fitted with a support profile as standard, saving assembly time. The ducts in the interior of the system provide space for multiple cables such as HDMI, DVI and network cables. Cable protectors are integrated into all rotating system elements as standard. Fully integrated electrical bonding protects operators and the machinery. A set screw system in the joints allows adjustment of the pivoting range in 30° steps. The range includes reducing adapter for connecting to the profiPLUS 50, thus making it possible to mount display panels from leading manufacturers such as Siemens, B&R and Beckhoff.

Load-bearing capacity

Principle

Economic, compact and elegant designer suspension arm system for medium to heavy loads

Additional info

Possible to connect control enclosures from leading manufacturers such as Siemens, Beckhoff, B&R and ROLEC

The spacious cable routing offers an optimum connection with all interfaces, sufficient space is available for a range of cables and connectors

Patented ROLEC solution for alignment of the complete system in a horizontal direction through a single set screw!

Continuous equipotential bonding, DIN VDE 0113 / EN 60204-1 / IEC 204-1

All couplings are equipped with pre-fitted support profile as standard

Integrated cable protection in all system parts

Optional: Signal light adapters for joint and elbow

Material/coating

Diecast aluminium alloy, powder coated RAL 7035 light grey

Optional: Special colours

Support profiles: Extruded aluminium profile, anodised silver, preformed fastening thread

Optional: Anodised special colours or powder coated

Covers: Plastic (POM), RAL 7015 slate grey

Bellows: PVC-P, RAL 7016 anthracite grey, temperature resistance: -30°C to +70°C

Gasket

Chloroprene O-ring gasket (CR), temperature resistance: -30°C to +90°C

Cable routing

Suitable for HDMI, patch cables, DVI, USB, cold-device plugs etc.







Ingress protection

IP 54 / EN 60529






Customising

Learn more about our full customising service for installation-ready enclosures





Joins / Base

Photo	Part-No.	Type	Length	Width	Height	Ingress protection	Gasket	Available Options
	143.005.000	Socket joint	0	0	0			Pivoting, Horizontal adjusting
	143.005.001	Socket joint upright	0	0	0	IP 54/EN 60529		Pivoting
	143.010.000	Wall joint	0	0	0			Pivoting, Horizontal adjusting
	143.010.001	Wall joint upright	0	0	0	IP 54/EN 60529		Pivoting
	143.015.000	Intermediate joint	0	0	0			Pivoting
	143.030.000	Base	0	0	0			

Support profile

Photo	Part-No.	Type	Length	Width	Height	Ingress protection	Gasket	Available Options
	143.000.250	Support profile 0,25m	0	0	0			
	143.000.500	Support profile 0,50m	0	0	0			
	143.000.750	Support profile 0,75m	0	0	0			
	143.001.000	Support profile 1,00m	0	0	0			
	143.001.500	Support profile 1,50m	0	0	0			

Adaptions

Photo	Part-No.	Type	Length	Width	Height	Ingress protection	Gasket	Available Options
	143.000.001	Adaption 70-50	0	0	0	IP 54/EN 60529		
	143.020.000	Elbow	0	0	0			
	143.020.501	Adaption signal light - joint	0	0	0			
	143.020.502	Adaption signal light - elbow	0	0	0			

Couplings / Elbow

Photo	Part-No.	Type	Length	Width	Height	Ingress protection	Gasket	Available Options
	143.034.000	Elbow coupling, standing	0	0	0		Pivoting	
	143.035.000	Elbow coupling, hanging	0	0	0		Pivoting	
	143.036.000	Elbow coupling N, standing	0	0	0		Pivoting, Tilting	
	143.037.000	Elbow coupling N, hanging	0	0	0		Pivoting, Tilting	
	143.038.000	Elbow console coupling N, standing	0	0	0		Pivoting, Tilting	
	143.039.000	Elbow console coupling N, hanging	0	0	0		Pivoting, Tilting	
	143.240.250	Coupling, standing 250	0	0	0		Pivoting	
	143.240.500	Coupling, standing 500	0	0	0		Pivoting	
	143.240.750	Coupling, standing 750	0	0	0		Pivoting	
	143.241.000	Coupling, standing 1000	0	0	0		Pivoting	
	143.250.250	Coupling, hanging 250	0	0	0		Pivoting	
	143.250.500	Coupling, hanging 500	0	0	0		Pivoting	
	143.250.750	Coupling, hanging 750	0	0	0		Pivoting	
	143.251.000	Coupling, hanging 1000	0	0	0		Pivoting	
	143.260.250	Coupling N, standing 250	0	0	0		Pivoting, Tilting	
	143.260.500	Coupling N, standing 500	0	0	0		Pivoting, Tilting	
	143.260.750	Coupling N, standing 750	0	0	0		Pivoting, Tilting	

Photo	Part-No.	Type	Length	Width	Height	Ingress protection	Gasket	Available Options
	143.261.000	Coupling N, standing 1000	0	0	0		Pivoting, Tilting	
	143.270.250	Coupling N, hanging 250	0	0	0		Pivoting, Tilting	
	143.270.500	Coupling N, hanging 500	0	0	0		Pivoting, Tilting	
	143.270.750	Coupling N, hanging 750	0	0	0		Pivoting, Tilting	
	143.271.000	Coupling N, hanging 1000	0	0	0		Pivoting, Tilting	
	143.280.250	Console coupling N, standing 250	0	0	0		Pivoting, Tilting	
	143.280.500	Console coupling N, standing 500	0	0	0		Pivoting, Tilting	
	143.280.750	Console coupling N, standing 750	0	0	0		Pivoting, Tilting	
	143.281.000	Console coupling N, standing 1000	0	0	0		Pivoting, Tilting	
	143.290.250	Console coupling N, hanging 250	0	0	0		Pivoting, Tilting	
	143.290.500	Console coupling N, hanging 500	0	0	0		Pivoting, Tilting	
	143.290.750	Console coupling N, hanging 750	0	0	0		Pivoting, Tilting	
	143.291.000	Console coupling N, hanging 1000	0	0	0		Pivoting, Tilting	