Our passion is enclosures.

142.290.750
Console coupling A, hanging 750 mm

technical data	
Material	Plastic (POM), Aluminum
Protection class	IP 54/EN 60529
Colour	RAL 7035 RAL 7035, RAL 7016 RAL 7016
Weight (g)	5190 g
Country of manufacture	Germany
Customs tariff number	76169910

profiPLUS 50
DESIGNER SUSPENSION ARM SYSTEM FOR LIGHT TO MEDIUM LOADS

IP 54

profiPLUS 50 is a modern suspension arm system which combines ergonomic design with advanced technology. The highly attractive appearance perfectly matches the design of modern machines. The range includes mounting adapters for connecting to display panels from leading manufacturers such as Siemens, B&R and Beckhoff.

The profiPLUS 50 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. For higher loads, a reducer adapter also enables connection of profiPLUS 50 to the larger profiPLUS 70 system.

Feel free to use our practical suspension arm configurator. Please choose whether you want a horizontal or vertical alignment.

Load-bearing capacity
embed_LBC_diagram_start_#etc/traglast/Belastungsdiagramm_PP50_EN.jpg#embed_LBC_diagram_end

Principle
Economic, compact and elegant designer suspension arm system for light to medium 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 aluminum alloy, powder coated RAL 7035 light gray

Optional: Special colors

Support profiles: Extruded aluminum profile, anodized silver, preformed fastening thread

Optional: Anodized special colors or powder coated

Covers: Plastic (POM), RAL 7015 slate gray

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

Gasket
Chloroprene O-ring gasket (CR)

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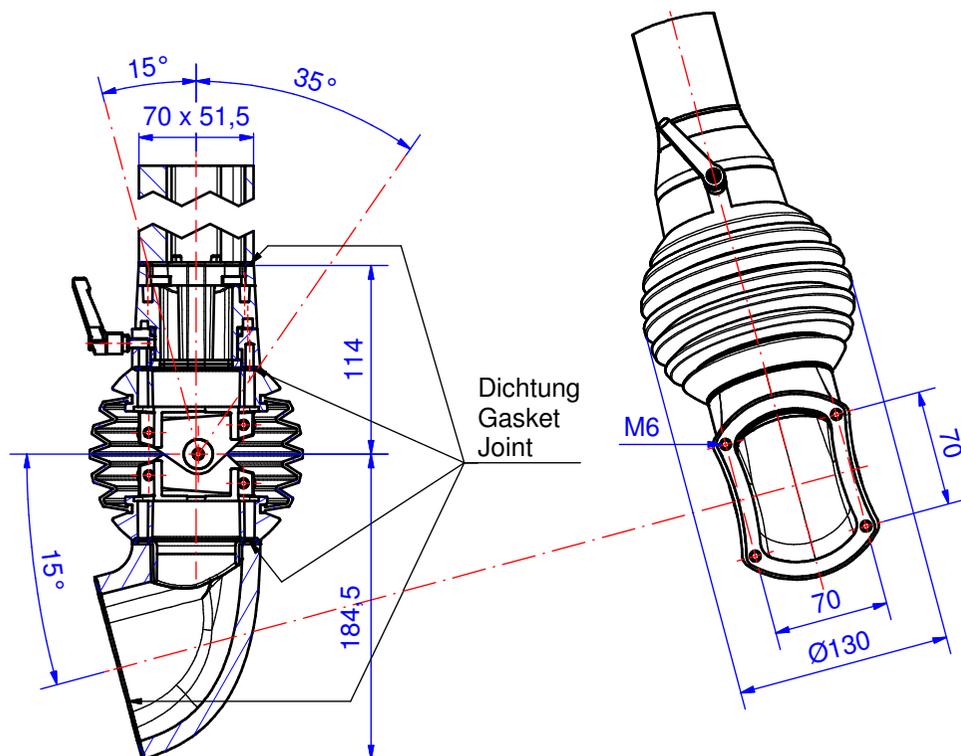Suitable for HDMI, patch cables, DVI, USB, cold-device plugs etc.

Ingress protection
IP 54 / EN 60529

Customizing
Learn more about our full customizing service for installation-ready enclosures

Suspension-System   profiPLUS 50

ROLEC.de

Type: Console coupling N, hanging

Material-No.:   142.29*.***
142.290.250 (l= 250mm)
142.290.500 (l= 500mm)
142.290.750 (l= 750mm)
142.291.000 (l=1000mm)

15°   35°
70 x 51,5

114

15°

184,5

Dichtung
Gasket
Joint

M6

70

70

Ø130

Suspension system material	GD-Al Si 12 (DIN 1706)	Bending range	310°
Profile material	Extruded aluminium	Weight	2.490 g + profile 3.600 g/m
Gasket	4x Chloroprene (CR), black	Surface	Powder coating RAL 7035, light grey
Mounting screws	4x M6, galvanized steel	Surface profile	Silver anodized
Ingress protection	IP54 EN 60529	Tolerance	GTA 13/5 DIN 1688-4 (outside dimensions ±0,8mm)