

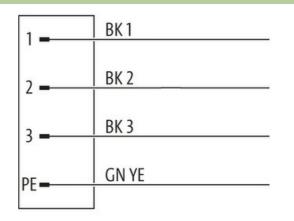
M12 Power male 90° S-cod. with cable

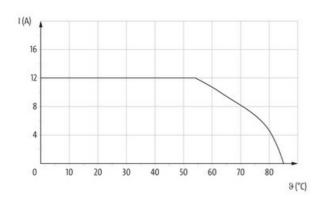
PUR 4x1.5 bk UL/CSA+drag ch. 10m

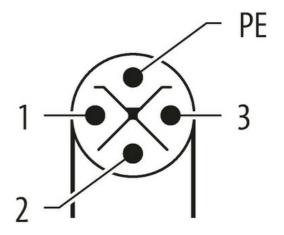
Power M12, 4-pole Male 90° S-coded with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product





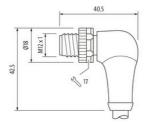




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Product may differ from Image



* only for products with UL/CSA approved cable

Form P6211 Technical Data	Form	
Depraining voltage max. 600 V AC Rated surge voltage 6.0 kV Operating current per contact max. 12 A No. of poles 4 Material group IEC 60664.1, category I Coding S-coded LED display no Locking of ports Screw thread (M12x1 mm) recommended torque 0.6 Nm, self-securing Compression gland M12 (SW17) Protection IP65 and IP67 when plugged and screwed down (EN 60529) Material PUR Locking material Zinc die casting, matte nickel plated suitable for corrugated tube (internal Ø) 12 mm General data IEC 61076-2-111 Material (contact surface) Au Pollution Degree 3 Stripping length (jacket) 100 mm Temperature range -25485 °C, depending on cable quality Cable identification P16 Cable identification P16 Cable identification P16 Cable view (view) Cu wire, bare Resistor (core) max. 13.3 Ωkm (20 °C) Single wire	Form	P6211
Partners Partners Rade surge voltage 6.0 kV Operating current per contact max. 12 A No. of poles 4 Material group IEC 606641, category I Coding S-coded LED display no Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing Compression gland M12 (SW17) Protection IP65 and IP67 when plugged and screwed down (EN 60529) Material PUR Locking material Zinc die casting, matte nickel plated suitable for corrugated tube (internal Ø) 12 mm General data IEC 61076-2-111 Material (contact) Copper alloy Material (contact surface) Au Pollution Degree 3 Stripping length (jackt) 100 mm Temperature range -25485 °C, depending on cable quality Cable identification P16 Cable identification P16 Cable identification P16 Cable weight [g/m] 114.4 g Material (wire) Cu wire	Technical Data	
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Material group IEC 60664-1, category I Coding S-coded LED display no Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing Compression gland M12 (SW17) Protection IP65 and IP67 when plugged and screwed down (EN 60529) Material PUR Locking material Zinc die casting, matte nickel plated suitable for corrugated tube (internal Ø) 12 mm General data Scoper alloy Material (contact) Copper alloy Material (contact surface) Au Pollution Degree 3 Stripping length (jacket) 100 mm Temperature range -25+85 °C, depending on cable quality Cable Zuble Type Cable (soft)fication P16 Cable soft)fi (g/m) 114.4 g Material (wire) Cu wire, bare Fesistor (core) max. 13.3 Ω/km (20 °C) Single wire Ø (core) 0.15 mm Contruction (core) 84× 0.15 mm (multi-strand wire class 6)	Operating current per contact	max. 12 A
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Compression glandM12 (SW17)ProtectionIP65 and IP67 when plugged and screwed down (EN 60529)MaterialPURLocking materialZinc die casting, matte nickel platedsuitable for corrugated tube (internal Ø)12 mmGeneral dataStandardsStandardsIEC 61076-2-111Material (contact)Copper alloyMaterial (contact surface)AuPollution Degree3Stripping length (jacket)100 mmTemperature range-25+85 °C, depending on cable qualityCablesCable identificationP16Cable weight [g/m]114.4 gMaterial (wire)Cu wire, bareResistor (core)max. 13.3 Ω/km (20 °C)Single wire Ø (core)0.15 mmConstruction (core)84× 0.15 mm (multi-strand wire class 6)	LED display	no
Protection IP65 and IP67 when plugged and screwed down (EN 60529) Material PUR Looking material Zinc die casting, matte nickel plated suitable for corrugated tube (internal Ø) 12 mm General data	Locking of ports	
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Material (contact surface) Au Pollution Degree 3 Stripping length (jacket) 100 mm Temperature range -25+85 °C, depending on cable quality Cables Cables Cable identification P16 Cable weight [g/m] 114.4 g Material (wire) Cu wire, bare Resistor (core) max. 13.3 Ω/km (20 °C) Single wire Ø (core) 0.15 mm Construction (core) 84× 0.15 mm (multi-strand wire class 6)	Standards	IEC 61076-2-111
Pollution Degree3Stripping length (jacket)100 mmTemperature range-25+85 °C, depending on cable qualityCablesCablesCable identificationP16Cable Type3 (PUR)Cable weight [g/m]114,4 gMaterial (wire)Cu wire, bareResistor (core)max. 13.3 Ω/km (20 °C)Single wire Ø (core)0.15 mmConstruction (core)84× 0.15 mm (multi-strand wire class 6)	Material (contact)	Copper alloy
Stripping length (jacket) 100 mm Temperature range -25+85 °C, depending on cable quality Cables Cable identification Cable identification P16 Cable weight [g/m] 114,4 g Material (wire) Cu wire, bare Resistor (core) max. 13.3 Ω/km (20 °C) Single wire Ø (core) 0.15 mm Construction (core) 84× 0.15 mm (multi-strand wire class 6)	Material (contact surface)	Au
Temperature range -25+85 °C, depending on cable quality Cables Cable identification Cable identification P16 Cable Type 3 (PUR) Cable weight [g/m] 114,4 g Material (wire) Cu wire, bare Resistor (core) max. 13.3 Ω/km (20 °C) Single wire Ø (core) 0.15 mm Construction (core) 84× 0.15 mm (multi-strand wire class 6)	Pollution Degree	3
CablesCable identificationP16Cable Type3 (PUR)Cable weight [g/m]114,4 gMaterial (wire)Cu wire, bareResistor (core)max. 13.3 Ω/km (20 °C)Single wire Ø (core)0.15 mmConstruction (core)84× 0.15 mm (multi-strand wire class 6)	Stripping length (jacket)	100 mm
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Cable Type3 (PUR)Cable weight [g/m]114,4 gMaterial (wire)Cu wire, bareResistor (core)max. 13.3 Ω/km (20 °C)Single wire Ø (core)0.15 mmConstruction (core)84× 0.15 mm (multi-strand wire class 6)	Cables	
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Resistor (core) max. 13.3 Ω/km (20 °C) Single wire Ø (core) 0.15 mm Construction (core) 84× 0.15 mm (multi-strand wire class 6)	Cable weight [g/m]	114,4 g
Single wire Ø (core) 0.15 mm Construction (core) 84× 0.15 mm (multi-strand wire class 6)	Material (wire)	Cu wire, bare
Construction (core) 84× 0.15 mm (multi-strand wire class 6)	Resistor (core)	max. 13.3 Ω/km (20 °C)
	Single wire Ø (core)	0.15 mm
Diameter (core) 4× 1.5 mm²	Construction (core)	84× 0.15 mm (multi-strand wire class 6)
	Diameter (core)	4× 1.5 mm ²

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AWG	similar to AWG 16
Material (wire isolation)	PP
Material property (wire isolation)	CFC-, halogen-, cadmium-, silicone- and lead-free
Shore hardness (wire isolation)	60 ±5 D
Wire-Ø incl. isolation	2.3 mm ±5%
Color/numbering of wires	bk numbered, gnye longitudinally striped
Stranding combination	4 wires twisted
Shield	no
Material (jacket)	PUR
Material property (jacket)	CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion- resistant, hydrolysis and microbial resistant
Shore hardness (jacket)	90 ±5 A
Outer-Ø (jacket)	7.2 mm ±5%
Color (jacket)	black
chemical resistance	good resistance to oil, gasoline and chemicals (EN 60811-404)
thermal resistance	flame retardant UL 1581 VW1 / CSA FT1 / IEC 60332-1, IEC 60332-2-2
Nominal voltage	1000 V AC
Test voltage	10.0 kV
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-50+80 °C, (+90 °C at max. 10 000 operating hours)
Temperature range (mobile)	-25+80 °C, (+90 °C at max. 10 000 operating hours)
Bend radius (fixed)	7.5× outer Ø
Bend radius (moving)	10× outer Ø
No. of bending cycles (C-track)	max. 5 Mio. (25 °C)
Travel speed (C-track)	max. 3.3 m/s
Acceleration (C-track)	max. 5 m/s ²
Torsion stress	±180°/m
No. of torsion cycles	max. 2 Mio. (25 °C)
Torsion speed	35 cycles/min
Commercial data	
country of origin	DE
customs tariff number	85444290
EAN	4048879915182
eClass	27279218
Packaging unit	1.000

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