

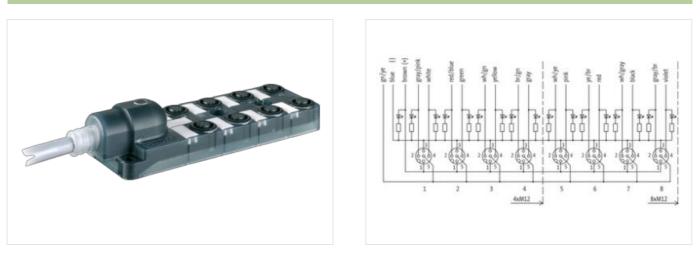
Exact12, 8xM12, 5-pole, moulded cable

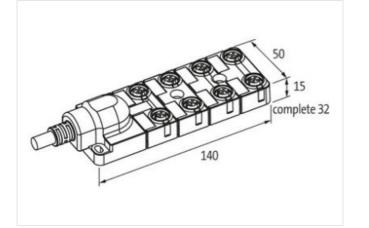
5.0m PUR 16x0.5+3x1.0, UL/CSA

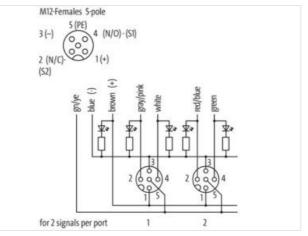
8-way, 5-pole 5.0 m ATEX Zone 2 and 22 Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product

Illustration







Product may differ from Image



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The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-05

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Material wire insulation TPE-E Amount wires 16 Outer diameter insulation 1,6 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 55 ± 5 Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-free, silicone-free, LABS-free Amount strands (wire) 64	Outer-diameter (jacket)	11,5 mm
Amount wires 16 Outer diameter insulation 1,6 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 55 ± 5 Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-free, silicone-free, LABS-free Amount strands (wire) 64	Tolerance outer diameter (sheath)	± 5 %
Outer diameter insulation 1,6 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 55 ± 5 Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-free, silicone-free, LABS-free Amount strands (wire) 64	Material wire insulation	TPE-E
Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 55 ± 5 Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-free, silicone-free, LABS-free Amount strands (wire) 64	Amount wires	16
Shore hardness wire insulation 55 ± 5 Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-free, silicone-free, LABS-free Amount strands (wire) 64	Outer diameter insulation	1,6 mm
Ingredient freeness wire insulation lead-free, CFC-free, halogen-free, silicone-free, LABS-free Amount strands (wire) 64	Outer diameter tolerance core insulation	±5%
Amount strands (wire) 64	Shore hardness wire insulation	55 ± 5 Shore D
	Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free, silicone-free, LABS-free
Diameter of single wires 0,1 mm	Amount strands (wire)	64
	Diameter of single wires	0,1 mm

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Conductor processorion (wire)	0.5 mm ²
Conductor crosssection (wire)	0,5 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	5 m @ 25 °C
Material wire insulation (Data)	TPE-E
Outer diameter wire insulation (Data)	2,1 mm
Tolerance outer diameter wire insulation (data)	
Shore hardness wire insulation (Data)	55 ± 5 Shore D
Ingredient freeness wire insulation (Data)	lead-free, halogen-free, silicone-free, LABS-free
Amount wires (Data)	3
Amount strands wire (Data)	128
Diameter of single wires (Data)	0,1 mm
Conductor crosssection wire (Data)	1 mm ²
Material conductor wire (Data)	Stranded copper wire, bare
Wire conductor type (Data)	strand class 6
Max. rated voltage (conductor - conductor)	300 V
Max. rated voltage (conductor - ground)	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	5,9 A
Current load capacity min. Wire (Data)	15 A
Electrical resistance line constant wire	39 Ω/km @ 20 °C
Electrical resistance coating wire (Data)	20 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	90 °C
Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	90 °C
Flame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (installation)	x Outer diameter
Bending radius (fixed)	8 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	5 Mio. @ 25 °C
Connection type 2	
Family construction form	free cable end
No. of poles	19
Family construction form	M12
Gender	female
Color contact carrier	black
Coding	A
No. of poles	5
PIN 1	+
PIN 2	NC S 2
PIN 3	-
PIN 4	NO S 1
PIN 5	PE

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