

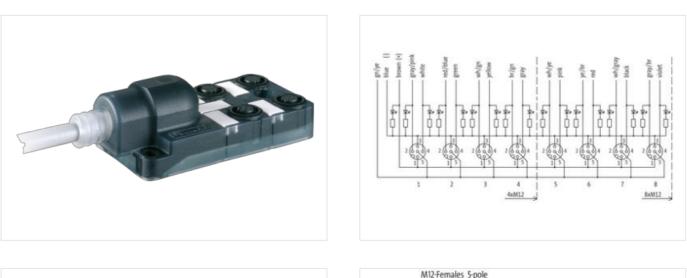
EXACT12, 4XM12, 5-POLE, MOULDED CABLE

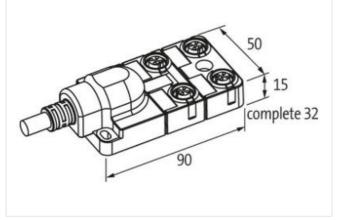
5.0m PUR 8x0,5+3x1,0, UL/CSA

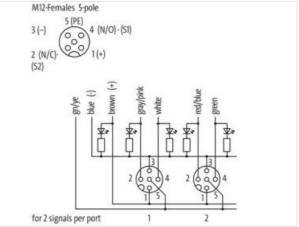
4-way, 5-pole 5.0 m Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product

Illustration







Product may differ from Image



Commercial data		
ECLASS-6.0	27279219	
ECLASS-6.1	27279219	
ECLASS-7.0	27279219	
ECLASS-8.0	27279219	
ECLASS-9.0	27440108	

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ECLASS-10.1	27440108	
ECLASS-10.1 ECLASS-11.1	27440108	
ECLASS-11.1 ECLASS-12.0		
ETIM-5.0	27440108 EC002585	
customs tariff number	85444290	
GTIN		
	4048879055772	
Packaging unit	1	
Electrical data Supply		
Operating voltage DC	24 V	
Current operating per contact max.	4 A	
Installation Connection		
Mounting set	M12 x 1	
Device protection Electrical		
Degree of protection (EN IEC 60529)	IP65, IP67	
Device protection Media		
Flame resistance	flame retardant	
Mechanical data Material data		
Material housing	Plastic	
Mechanical data Mounting data		
Mounting method	Schraubgewinde	
Environmental characteristics Climatic		
Operating temperature min.	-20 °C	
Operating temperature max.	70 °C	
Additional condition temperature range	depending on cable quality	
Installation Cable		
Cable identification	448	
Jacket Color	gray	
Type of Certificate	cURus	
Amount stranding	1	
Stranding	2 wires with Filler twisted	
Stranding factor min.	51 mm	
Stranding factor max.	51 mm	
Amount stranding (type 2)	1	
Stranding (type 2)	9 wires around Stranding combination counter-rotating twisted	
Stranding factor min. (type 2)	100 mm	
Stranding factor max. (type 2)	100 mm	
Banding	Fleece	
Filler	yes	
wire arrangement	white, yellow, (blue, brown, green-yellow, gray, gray-pink, red-blue, green, green-white, brown-green)	
Cable weigth	146,3 g/m	
Material jacket	PUR	
Shore hardness jacket	94 ± 5 Shore A	
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free	
Outer-diameter (jacket)	9 mm	
Tolerance outer diameter (sheath)	±5%	
Material wire insulation	TPE-E	
Amount wires	8	
	1,6 mm	
Outer diameter insulation	1,0 1111	
Outer diameter insulation Outer diameter tolerance core insulation	±5%	
Outer diameter tolerance core insulation	± 5 %	

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Amount strands (wire)	64
Diameter of single wires	0.1 mm
Conductor crosssection (wire)	0.5 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
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 ± 3 Shore D
Ingredient freeness wire insulation (Data)	lead-free, cadmium-free, CFC-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)	500 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)	0° 0°
Operating temperature min. (dynamic)	-40 °C
Operating temperature max. (dynamic)	90 °C
Flame resistance	UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (installation)	x Outer diameter
Bending radius (fixed)	x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
	5 Mio. @ 25 °C
Travel speed (C-track) No. of torsion cycles	5 Mio. @ 25 °C
	·
Torsion stress	± 180 °/m
Connection type 2	
Family construction form	free cable end
No. of poles	11
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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