

EXACT12, 4XM12, 5-POLE, MOULDED CABLE

10.0m PUR 8x0,5+3x1,0

4-way, 5-pole for NPN signals 24 V DC Further cable lengths on request.

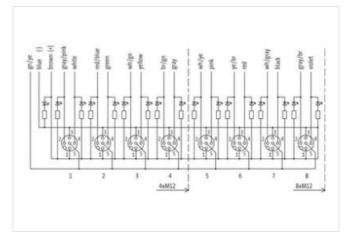
Plastic housings with good resistance against chemicals and oils.

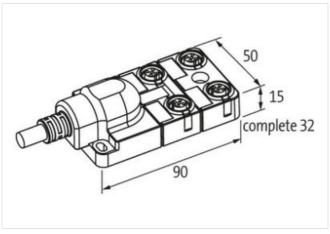
The resistance to aggressive media should be individually tested for your application. Further details on request.

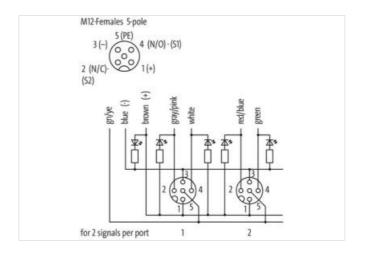
Link to Product

Illustration









Product may differ from Image









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



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Security	ETIM-5.0	EC002585
Packaging unit		
Pectaging unit		
Petrol P		
Operating voltage DC 24 V Current perating per contact max. 4 A Installation (Connection) M12 x 1 Degree of protection (Electrical) Degree of protection (Electrical) PERS, IP67 Degree of protection (Media) Flame resistance Illumination (Electrical) Mechanical data (Material data) Malariar housing Plastic Mechanical data (Mounting data) Mechanical data (Mounting data) Plastic Mechanical premature min 20 °C Operating temperature min 20 °C Operating temperature max 70 °C Additional condition temperature max 70 °C Additional condition temperature max 448 Locket Color gray Upper of Certificate cUFus Installation (Cable) 31 mm Stranding factor min. 51 mm Mistranding factor min. 51 mm <th< td=""><td></td><td></td></th<>		
Mounting set		
Device protection Electrical	Current operating per contact max.	4 A
Device protection Electrical Degree of protection (EN IEC 60529) Pesit Pesit	Installation Connection	
Degree of protection (EN IEC 60529) Device protection Media Flame resistance flame retardant Machanical data Material data Machanical data Mounting data Mounting method Schraubgewinde Environmental characteristics Climatic Deparating temperature min. -20 °C Operating temperature min. -70 °C Operating temperature max. 70 °C Additional condition temperature range depending on cable quality Installation Cable Cable identification Jakekel Color gray Stranding factor min. Stranding f	Mounting set	M12 x 1
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Pevice protection Media Flame resistance flame retardant Mochanical data Material data Material housing Plastic Mechanical data Mounting data Material housing data Mounting method Schraubgewinde Environmental characteristics Climatic Environmental characteristics Climatic Deprating temperature min.	Degree of protection (EN IEC 60529)	IP65. IP67
Flame resistance flame retardant Mechanical data Naterial data Material housing Plastic Mounting method Schraubgewinde Environmental characteristics Climatic Diperating temperature max. 70 °C Additional condition temperature range depending on cable quality Installation Cable Cable identification 448 Jacket Color gray Type of Certificate CUBus Stranding factor min. 51 mm Stranding factor min. 51 mm Stranding (type 2) 1 Stranding (type 2) 1 Stranding (type 2) 9 wires around Stranding combination counter-rotating twisted Stranding factor min. (type 2) 100 mm Stranding factor min. (type 2) 100 mm Banding Fleece Fleec	<u> </u>	
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Tolerance outer diameter (sheath) ± 5 % Material wire insulation TPE-E Amount wires 8 Outer diameter insulation 1,6 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 55 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free Amount strands (wire) 64 Diameter of single wires 0,1 mm	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free
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Outer diameter insulation 1,6 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 55 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free Amount strands (wire) 64 Diameter of single wires 0,1 mm	Material wire insulation	TPE-E
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Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free Amount strands (wire) 64 Diameter of single wires 0,1 mm	Outer diameter tolerance core insulation	
Amount strands (wire) 64 Diameter of single wires 0,1 mm	Shore hardness wire insulation	55 ± 3 Shore D
Diameter of single wires 0,1 mm	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free
	Amount strands (wire)	
Conductor crosssection (wire) 0,5 mm ²	Diameter of single wires	
	Conductor crosssection (wire)	0,5 mm ²



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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
	0,1 mm
Diameter of single wires (Data)	·
Conductor crosssection wire (Data)	1 mm²
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)	90 °C
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
Travel speed (C-track)	5 Mio. @ 25 °C
No. of torsion cycles	0,5 Mio.
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