

## EXACT12, 4XM12, 5-POLE, MOULDED CABLE

15.0m PUR/PVC 5x1.0 GRAY,

## 5-pole

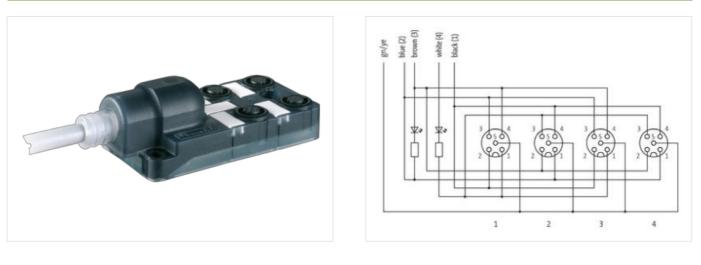
Further cable lengths on request.

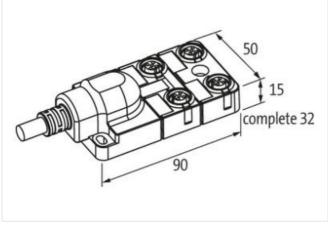
Plastic housings with good resistance against chemicals and oils.

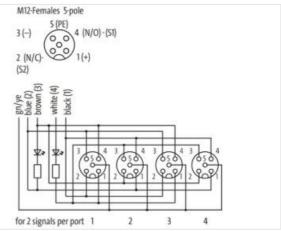
The resistance to aggressive media should be individually tested for your application. Further details on request.

## Link to Product

## Illustration







Product may differ from Image



Commercial data		
ECLASS-6.0	27143423	
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-11.1	27440108
ECLASS-11.0	27440108
ETIM-5.0	EC002585
customs tariff number	85444290
GTIN	4048879472715
Packaging unit	1
	•
Electrical data   Supply	
Operating voltage DC	24 V
Current operating per contact max.	4 A
Installation   Connection	
Mounting set	M3
Device protection   Electrical	
Degree of protection (EN IEC 60529)	IP67
Additional condition protection degree	screwed, mounted
Device protection   Media	
Flame resistance	flame retardant
Mechanical data   Material data	
Material housing	Plastic
Environmental characteristics   Climatic	
Operating temperature min.	-20 °C
Operating temperature max.	0° 00
Additional condition temperature range	depending on cable quality
Installation   Cable	
Cable identification	965
Printing color of wire insulation	black (white isolation), white (isolation black), black (isolation brown), black (insulation blue)
Jacket Color	gray
Amount stranding	1
Stranding	5 wires around Filler twisted
Filler	yes
wire arrangement	white 4, brown 3, green-yellow, blue 2, black 1
Cable weigth	86,9 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	7,2 mm
Tolerance outer diameter (sheath)	±5%
Material inner jacket	PVC
Color (inner jacket)	gray
Material wire insulation	PP
Amount wires	5
Outer diameter insulation	2 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	60 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Printing color of wire insulation	black (white isolation), white (isolation black), black (isolation brown), black (insulation blue)
Amount strands (wire)	28
Diameter of single wires	0,205 mm
Conductor crosssection (wire)	1 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5

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Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	11,3 A
Electrical resistance line constant wire	19,5 Ω/km @ 20 °C
Nominal voltage power AC max.	600 V
Power frequency withstand voltage power (wire - jacket)	3 kV @ 60 s
AC withstand voltage power (wire - wire)	3 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	70 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	IEC 60332-2-2   UL 1581 § 1100 FT2   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 (fixed)	7,5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Connection type 2	
Family construction form	free cable end
Family construction form Color contact carrier	free cable end gray
-	
Color contact carrier	gray
Color contact carrier No. of poles	gray 5
Color contact carrier No. of poles PIN 1	gray 5 0 V 2
Color contact carrier No. of poles PIN 1 PIN 2	gray 5 0 V 2 24 V DC 2
Color contact carrier No. of poles PIN 1 PIN 2 PIN 3	gray 5 0 V 2 24 V DC 2 0 V 1
Color contact carrier No. of poles PIN 1 PIN 2 PIN 3 PIN 4	gray 5 0 V 2 24 V DC 2 0 V 1 24 V DC 1
Color contact carrier No. of poles PIN 1 PIN 2 PIN 3 PIN 4 PIN 5	gray 5 0 V 2 24 V DC 2 0 V 1 24 V DC 1 PE
Color contact carrier         No. of poles         PIN 1         PIN 2         PIN 3         PIN 4         PIN 5         Family construction form	gray 5 0 V 2 24 V DC 2 0 V 1 24 V DC 1 PE M12
Color contact carrier         No. of poles         PIN 1         PIN 2         PIN 3         PIN 4         PIN 5         Family construction form         Gender	gray         5         0 V 2         24 V DC 2         0 V 1         24 V DC 1         PE         M12         female
Color contact carrier         No. of poles         PIN 1         PIN 2         PIN 3         PIN 4         PIN 5         Family construction form         Gender         Color contact carrier	gray         5         0 V 2         24 V DC 2         0 V 1         24 V DC 1         PE         M12         female         black
Color contact carrier         No. of poles         PIN 1         PIN 2         PIN 3         PIN 4         PIN 5         Family construction form         Gender         Color contact carrier         Coding	gray         5         0 V 2         24 V DC 2         0 V 1         24 V DC 1         PE         M12         female         black         A
Color contact carrier         No. of poles         PIN 1         PIN 2         PIN 3         PIN 5         Family construction form         Gender         Color contact carrier         Color contact carrier         Coding         No. of poles	gray         5         0 V 2         24 V DC 2         0 V 1         24 V DC 1         PE         M12         female         black         A         5
Color contact carrier         No. of poles         PIN 1         PIN 2         PIN 3         PIN 5         Family construction form         Gender         Color contact carrier         Color g         No. of poles         PIN 1         PIN 2         PIN 3	gray         5         0 V 2         24 V DC 2         0 V 1         24 V DC 1         PE         M12         female         black         A         5         0 V 2
Color contact carrier         No. of poles         PIN 1         PIN 2         PIN 3         PIN 4         PIN 5         Family construction form         Gender         Color contact carrier         Color g         No. of poles         PIN 1         PIN 2	gray         5         0 V 2         24 V DC 2         0 V 1         24 V DC 1         PE         M12         female         black         A         5         0 V 2         24 V DC 2

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