

## EXACT8, 6XM8, 3 POLE PRE-WIRED CABLE

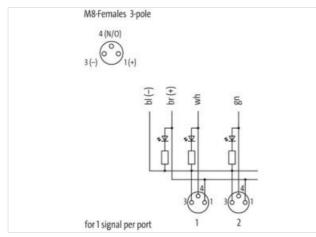
10.0m PUR/PVC 6\*0,34+2\*0,75

6-way, 3-pole PUR/PVC Further cable lengths on request. 10.0 m 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





20.5 complete 35 109

Product may differ from Image



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

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ECLASS-9.027440108ECLASS-10.127440108ECLASS-11.127440108ECLASS-12.027440108ETIM-5.0EC00258customs tariff number85444290GTIN40488790Packaging unit1Electrical data   SupplyOperating voltage DCOperating voltage DC24 VCurrent operating per contact max.2 ATotal current max.8 AIndustrial communicationNumber of signals per portNumber of signals per port1Installation   ConnectionM8 x 1Device protection   ElectricalDegree of protection   MediaFlame resistanceflame retainedMechanical data   Material dataElectrical data	3
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Mounting set     M8 x 1       Device protection   Electrical       Degree of protection (EN IEC 60529)     IP65, IP65       Device protection   Media       Flame resistance     flame retained       Mechanical data   Material data	
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Device protection   Media         Flame resistance       flame reta         Mechanical data   Material data	
Flame resistance flame reta Mechanical data   Material data	ardant
Mechanical data   Material data	ardant
·	
Material Basedan	
Material housing Plastic	
Mechanical data   Mounting data	
Mounting method Schraubg	uewinde
Environmental characteristics   Climatic	
Operating temperature min.         -20 °C           Operating temperature max.         80 °C	
	g on cable quality
Installation   Cable	
Cable identification 350	
Cable Type 2	ing Denne
	ignal, Power
Jacket Color gray Type of Certificate cURus	
Amount stranding 1	
	round Core filler twisted
Filler yes	
	ue, red, pink, gray, yellow, green, white
Cable weigth 94,6 g/m	
Material jacket PUR	
Shore hardness jacket 87 ± 5 Sh	nore A
Freedom from ingredients (jacket) lead-free,	, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket) 7,8 mm	
Tolerance outer diameter (sheath)     ± 5 %	
Material inner jacket PVC	
Color (inner jacket) gray	
Material wire insulation PVC	
Amount wires 6	
Outer diameter insulation 1,3 mm	
Outer diameter tolerance core insulation ± 5 %	

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Shore hardness wire insulation	43 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	19
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Material wire insulation (Power)	PVC
Outer diameter wire insulation (Power)	1,8 mm
Tolerance outer diameter wire insulation (Power)	±5 %
Shore hardness wire insulation (Power)	43±5 Shore D
Material properties wire insulation (Power)	good machinability
Ingredient freeness wire insulation (Power)	lead-free, cadmium-free, CFC-free, silicone-free
Amount wires (Power)	2
Amount strands wire (Power)	24
Diameter of single wires (Power)	0,2 mm
Wire conductor cross section (Power)	0,75 mm <sup>2</sup>
Material conductor wire (Power)	Stranded copper wire, bare
Conductor type wire (Power)	Strand class 5
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	4 A
Current carrying capacity min. wire (Power)	7,8 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
Electrical resistance coating wire (Power)	26 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)	-30 °C
Max. operating temperature (fixed)	0° 08
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	UL 1581 § 1100 FT2   UL 1581 § 1090   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 (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C
Travel speed (C-track)	2 m/s @ 25 °C

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