

## EXACT8, 6XM8, 4 POLE MOULDED CABLE

10.0m PUR 12x0.34+2x0,75, UL/CSA

6-way, 4-pole 10.0 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

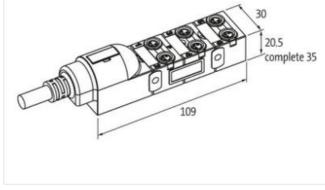


Product may differ from Image

for 2 signals per port



1



Commercial data		
ECLASS-6.0	27143423	
ECLASS-6.1	27279219	
ECLASS-7.0	27279219	
ECLASS-8.0	27279219	
ECLASS-9.0	27440108	

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: 2024-04-27

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2



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Mounting set         M8 x 1           Device protection   Electrical           Degree of protection (EN EC 60529)         IP65, IP67           Device protection   Media         Ifame restandant           Enter restance         Ifame restance           Enter restance         Ifame restance           Material housing         Plastic           Mounting method         Schaubgewinde           Environmental characteristics [ Olimatic         20 °C           Operating temperature min.         20 °C           Operating temperature max.         80 °C           Additional condition temperature max.         80 °C           Standing (type 2)         10 in sea anound Stranding combination twisted           A		-
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Flame resistance         Itame retardant           Meterial housing         Plastic           Mounting method         Schraubgewinde           Environmental characteristics   Climatic         Climatic           Operating temperature max.         80 °C           Operating temperature max.         80 °C           Additional condition temperature range         depending on cable quality           Installation   Cable         Cable quality           Installation   Cable         Cable quality           Stack Color         gray           Standing         4 wires twisted           Anount stranding (type 2)         1           Stranding (type 2)         10 wires around Stranding combination twisted           Banding         Fleoce           We arrangement         Edw.Free, cadmium-free, CFC-free, halogen-free, LABS-free           Outer diameter (gacket)         9.5 Sm           Tolerance outer diameter (gheath)         4.5 %           Material jacket         10         10           Outer	Degree of protection (EN IEC 60529)	IP65, IP67
Mechanical data   Material data           Mechanical data   Mounting data           Mechanical data   Mounting data           Mounting method         Schraubgewinde           Environmental characteristics   Climatic           Operating temperature min.         -20 °C           Operating temperature max.         80 °C           Additional condition temperature max.         80 °C           Additional condition temperature max.         80 °C           Additional condition temperature may.         80 °C           Cable identification         389           Jacket Color         gray           Type of Conflicate         Clikus, CSA           Amount stranding         1           Stranding (type 2)         1           Operature may, temper wite gray-pink, pink, (brown, blue, brown-yellow, brown-green-white, red-blue, gray, yellow, green, white)           Gable weigth         122,1 g/m	Device protection   Media	
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Mounting method         Schraubgewinde           Environmental characteristics   Climatic         -20 °C           Operating temperature max.         80 °C           Addition condition temperature range         depending on cable quality           Installation   Cable         -20 °C           Cable identification         389           Jacket Color         gray           Ype of Certificate         cURus, CSA           Amount stranding         1           Stranding (type 2)         1           Stranding (type 2)         10 wires around Stranding combination twisted           Banding         Fleece           wire arrangement         red. yellow-white, gray-pink, pink, (brown, blue, brown-yellow, brown-green, green-white, red-blue, gray, yellow, green, white)           Cable identification         89 ± 5 Shore A           Freedom from ingredients (jacket)         9.5 m           Colerander (jacket)         9.5 m           Tolerance outer diameter (sheath)         ± 5 %           Material vien insulation         TPE-E           Amount wires         10           Outer diameter tolerance core insulation         5.5 tore D           Shore hardness wire insulation         5.5 tore D           Addition (insure)         5.5 tore D	Mechanical data   Mounting data	
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whe arangementgreen, white)Cable weigth122,1 g/mMaterial jacketPURShore hardness jacket89 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)9,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPE-EAmount wires10Outer diameter insulation1,5 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation55 ± 5 Shore DIngredient freeness wire insulation55 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free	Banding	
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Shore hardness jacket89 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)9,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPE-EAmount wires10Outer diameter tolerance core insulation1,5 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation55 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free	Cable weigth	122,1 g/m
Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)9,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPE-EAmount wires10Outer diameter tolerance core insulation1,5 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation55 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free	Material jacket	
Outer-diameter (jacket)9,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPE-EAmount wires10Outer diameter insulation1,5 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation55 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free	Shore hardness jacket	89 ± 5 Shore A
Tolerance outer diameter (sheath)       ± 5 %         Material wire insulation       TPE-E         Amount wires       10         Outer diameter insulation       1,5 mm         Outer diameter tolerance core insulation       ± 5 %         Shore hardness wire insulation       55 ± 5 Shore D         Ingredient freeness wire insulation       lead-free, cadmium-free, CFC-free, halogen-free		-
Material wire insulation     TPE-E       Amount wires     10       Outer diameter insulation     1,5 mm       Outer diameter tolerance core insulation     ± 5 %       Shore hardness wire insulation     55 ± 5 Shore D       Ingredient freeness wire insulation     lead-free, cadmium-free, CFC-free, halogen-free		
Amount wires10Outer diameter insulation1,5 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation55 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free		
Outer diameter insulation       1,5 mm         Outer diameter tolerance core insulation       ± 5 %         Shore hardness wire insulation       55 ± 5 Shore D         Ingredient freeness wire insulation       lead-free, cadmium-free, CFC-free, halogen-free		
Outer diameter tolerance core insulation       ± 5 %         Shore hardness wire insulation       55 ± 5 Shore D         Ingredient freeness wire insulation       lead-free, cadmium-free, CFC-free, halogen-free		
Shore hardness wire insulation     55 ± 5 Shore D       Ingredient freeness wire insulation     lead-free, cadmium-free, CFC-free, halogen-free		
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free		
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Diameter of single wires	0.1 mm
Diameter of single wires	0,34 mm <sup>2</sup>
Conductor crosssection (wire) Material conductor wire	· · · · · · · · · · · · · · · · · · ·
	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Material wire insulation (Data)	TPE-E
Outer diameter wire insulation (Data)	1,8 mm
Tolerance outer diameter wire insulation (data)	
Shore hardness wire insulation (Data)	55 ± 5 Shore D
Ingredient freeness wire insulation (Data)	lead-free, cadmium-free, CFC-free, halogen-free
Amount wires (Data)	2
Amount strands wire (Data)	42
Diameter of single wires (Data)	0,15 mm
Conductor crosssection wire (Data)	0,75 mm <sup>2</sup>
Material conductor wire (Data)	Stranded copper wire, bare
Wire conductor type (Data)	strand class 6
Traversing distance (C-track)	5 m @ 25 °C   horizontal
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4 A
Current load capacity min. Wire (Data)	12 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
Electrical resistance coating wire (Data)	26 Ω/km @ 20 °C
Max. rated voltage power (conductor - ground)	300 V
Max. rated voltage power (conductor - conductor)	300 V
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °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
No. of bending cycles (C-track)	5 Mio. @ 25 °C
Bending radius (installation)	x Outer diameter
Bending radius (fixed)	7,5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Connection type 2	
Family construction form	free cable end
No. of poles	14
Family construction form	M8
Gender	female
Color contact carrier	black
Coding	A
No. of poles	4
PIN 1	+
PIN 2	\$2
PIN 3	<u> </u>
PIN 4	S1

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