

## **EXACT8, 10XM8, 4 POLE MOULDED CABLE**

3.0m PUR 20\*0,34+2\*0,75 exit norm..

10-way, 4-pole 3.0 m

Further cable lengths on request.

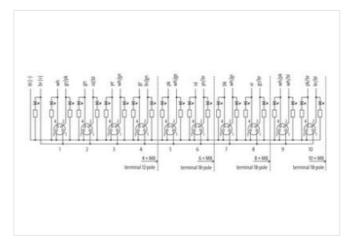
Plastic housings with good resistance against chemicals and oils.

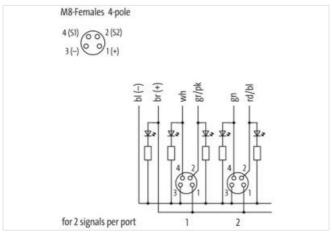
The resistance to aggressive media should be individually tested for your application. Further details on request.

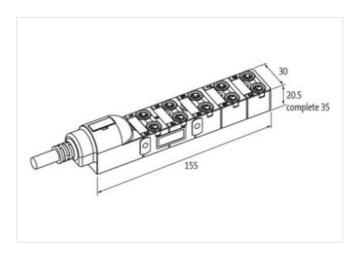
## **Link to Product**

## 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-11.1	27440108
ECLASS-12.0	27440108
ETIM-5.0	EC002585
customs tariff number	85444290
GTIN	4048879056724
Packaging unit	1
Electrical data   Supply	
Operating voltage DC	24 V
Current operating per contact max.	2 A
Total current max.	8 A
Industrial communication	
	0
Number of signals per port	2
Installation   Connection	
Mounting set	M8 x 1
Device protection   Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67
Device protection   Media	
Flame resistance	flame retardant
Mechanical data   Material data	10.10
·	
Material housing	Plastic
Mechanical data   Mounting data	
Mounting method	Schraubgewinde
Environmental characteristics   Climatic	
Operating temperature min.	-20 °C
Operating temperature max.	80 °C
Additional condition temperature range	depending on cable quality
Installation   Cable	
•	411
Cable identification	
Cable identification  Jacket Color	411 gray cURus
Cable identification  Jacket Color  Type of Certificate	gray
Cable identification  Jacket Color  Type of Certificate  Amount stranding	gray cURus
Cable identification  Jacket Color  Type of Certificate  Amount stranding  Stranding	gray cURus 1
Cable identification  Jacket Color  Type of Certificate  Amount stranding  Stranding  Amount stranding (type 2)	gray cURus 1 8 wires around Core filler twisted
Cable identification  Jacket Color  Type of Certificate  Amount stranding  Stranding  Amount stranding (type 2)  Stranding (type 2)	gray cURus 1 8 wires around Core filler twisted 1
Cable identification  Jacket Color  Type of Certificate  Amount stranding  Stranding  Amount stranding (type 2)  Stranding (type 2)	gray cURus 1 8 wires around Core filler twisted 1 14 wires around Stranding combination twisted
Cable identification  Jacket Color  Type of Certificate  Amount stranding  Stranding  Amount stranding (type 2)  Stranding (type 2)  Banding  Filler	gray cURus  1 8 wires around Core filler twisted  1 14 wires around Stranding combination twisted Fleece
Cable identification  Jacket Color  Type of Certificate  Amount stranding  Stranding  Amount stranding (type 2)  Stranding (type 2)  Banding  Filler  vire arrangement	gray cURus  1 8 wires around Core filler twisted  1 14 wires around Stranding combination twisted Fleece yes violet, brown-pink, brown-gray, brown-blue, white-pink, black, blue-white, gray-white, (brown, blue, brown-
Cable identification  Jacket Color  Type of Certificate  Amount stranding  Stranding  Amount stranding (type 2)  Stranding (type 2)  Banding  Filler  wire arrangement  Cable weigth	gray  cURus  1  8 wires around Core filler twisted  1  14 wires around Stranding combination twisted  Fleece  yes  violet, brown-pink, brown-gray, brown-blue, white-pink, black, blue-white, gray-white, (brown, blue, brown-yellow, green, red-blue, gray, brown-green, red, yellow, green-white, white, gray-pink, pink)
Cable identification  Jacket Color  Type of Certificate  Amount stranding  Stranding  Amount stranding (type 2)  Stranding (type 2)  Banding  Filler  wire arrangement  Cable weigth  Material jacket	gray  cURus  1  8 wires around Core filler twisted  1  14 wires around Stranding combination twisted  Fleece  yes  violet, brown-pink, brown-gray, brown-blue, white-pink, black, blue-white, gray-white, (brown, blue, brown-yellow, green, red-blue, gray, brown-green, red, yellow-white, yellow, green-white, white, gray-pink, pink)  171,6 g/m
Cable identification  Jacket Color  Type of Certificate  Amount stranding  Stranding  Amount stranding (type 2)  Stranding (type 2)  Banding  Filler  wire arrangement  Cable weigth  Material jacket  Shore hardness jacket	gray  cURus  1  8 wires around Core filler twisted  1  14 wires around Stranding combination twisted  Fleece  yes  violet, brown-pink, brown-gray, brown-blue, white-pink, black, blue-white, gray-white, (brown, blue, brown-yellow, green, red-blue, gray, brown-green, red, yellow-white, yellow, green-white, white, gray-pink, pink)  171,6 g/m  PUR
Cable identification  Jacket Color  Type of Certificate  Amount stranding  Stranding  Amount stranding (type 2)  Stranding (type 2)  Banding  Filler  wire arrangement  Cable weigth  Material jacket  Shore hardness jacket  Freedom from ingredients (jacket)	gray  cURus  1  8 wires around Core filler twisted  1  14 wires around Stranding combination twisted  Fleece  yes  violet, brown-pink, brown-gray, brown-blue, white-pink, black, blue-white, gray-white, (brown, blue, brown-yellow, green, red-blue, gray, brown-green, red, yellow-white, yellow, green-white, white, gray-pink, pink)  171,6 g/m  PUR  89 ± 5 Shore A
Cable identification  Jacket Color  Type of Certificate  Amount stranding  Stranding  Amount stranding (type 2)  Stranding (type 2)  Banding  Filler  Wire arrangement  Cable weigth  Material jacket  Shore hardness jacket  Freedom from ingredients (jacket)  Duter-diameter (jacket)  Folerance outer diameter (sheath)	gray  cURus  1  8 wires around Core filler twisted  1  14 wires around Stranding combination twisted  Fleece  yes  violet, brown-pink, brown-gray, brown-blue, white-pink, black, blue-white, gray-white, (brown, blue, brown-yellow, green, red-blue, gray, brown-green, red, yellow-white, yellow, green-white, white, gray-pink, pink)  171,6 g/m  PUR  89 ± 5 Shore A  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free  11,3 mm  ± 5 %
Cable identification  Jacket Color  Type of Certificate  Amount stranding  Stranding  Amount stranding (type 2)  Stranding (type 2)  Banding  Filler  Wire arrangement  Cable weigth  Material jacket  Shore hardness jacket  Freedom from ingredients (jacket)  Duter-diameter (jacket)  Folerance outer diameter (sheath)	gray  cURus  1  8 wires around Core filler twisted  1  14 wires around Stranding combination twisted  Fleece  yes  violet, brown-pink, brown-gray, brown-blue, white-pink, black, blue-white, gray-white, (brown, blue, brown-yellow, green, red-blue, gray, brown-green, red, yellow-white, yellow, green-white, white, gray-pink, pink)  171,6 g/m  PUR  89 ± 5 Shore A  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free  11,3 mm
Cable identification  Jacket Color  Type of Certificate  Amount stranding  Stranding  Amount stranding (type 2)  Stranding (type 2)  Banding  Filler  Wire arrangement  Cable weigth  Material jacket  Shore hardness jacket  Freedom from ingredients (jacket)  Duter-diameter (jacket)  Tolerance outer diameter (sheath)  Material wire insulation  Amount wires	gray  cURus  1  8 wires around Core filler twisted  1  14 wires around Stranding combination twisted  Fleece  yes  violet, brown-pink, brown-gray, brown-blue, white-pink, black, blue-white, gray-white, (brown, blue, brown-yellow, green, red-blue, gray, brown-green, red, yellow-white, yellow, green-white, white, gray-pink, pink)  171,6 g/m  PUR  89 ± 5 Shore A  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free  11,3 mm  ± 5 %  TPE-E  20
Installation   Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Banding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation	gray cURus  1 8 wires around Core filler twisted  1 14 wires around Stranding combination twisted Fleece yes violet, brown-pink, brown-gray, brown-blue, white-pink, black, blue-white, gray-white, (brown, blue, brown-yellow, green, red-blue, gray, brown-green, red, yellow-white, yellow, green-white, white, gray-pink, pink) 171,6 g/m PUR 89 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 11,3 mm ± 5 % TPE-E 20 1,4 mm
Cable identification  Jacket Color  Type of Certificate  Amount stranding  Stranding  Amount stranding (type 2)  Stranding (type 2)  Banding  Filler  wire arrangement  Cable weigth  Material jacket  Shore hardness jacket  Freedom from ingredients (jacket)  Outer-diameter (jacket)  Tolerance outer diameter (sheath)  Material wire insulation  Amount wires	gray  cURus  1  8 wires around Core filler twisted  1  14 wires around Stranding combination twisted  Fleece  yes  violet, brown-pink, brown-gray, brown-blue, white-pink, black, blue-white, gray-white, (brown, blue, brown-yellow, green, red-blue, gray, brown-green, red, yellow-white, yellow, green-white, white, gray-pink, pink)  171,6 g/m  PUR  89 ± 5 Shore A  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free  11,3 mm  ± 5 %  TPE-E  20

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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
Traversing distance (C-track)	5 m @ 25 °C   horizontal
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)	24
Diameter of single wires (Data)	0,2 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 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 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
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)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °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	DIN EN 60811-404   Good, application-related testing
Bending radius (installation)	x Outer diameter
Bending radius (fixed)	7,5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	5 Mio. @ 25 °C
Connection type 2	
Family construction form	free cable end
No. of poles	20
Family construction form	M8
Gender	female
Color contact carrier	black
Coding	A
No. of poles	4
PIN 1	+
PIN 2	\$2
PIN 3	
PIN 4	S1
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