

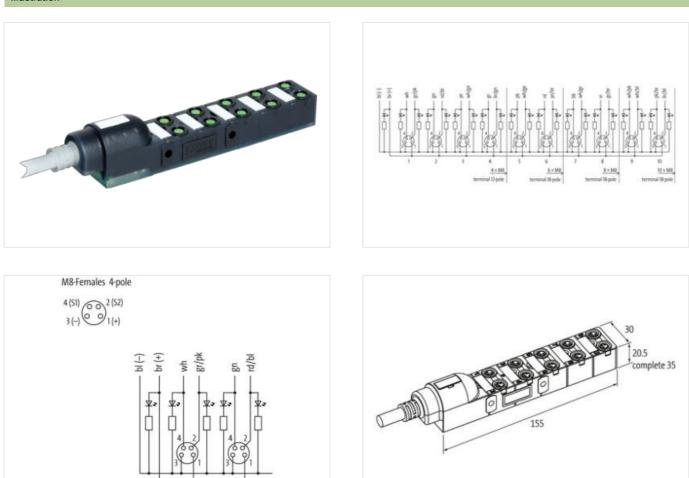
EXACT8, 10XM8, 4 POLE MOULDED CABLE

10.0m PUR 20*0,34+2*0,75 exit norm ...

10-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

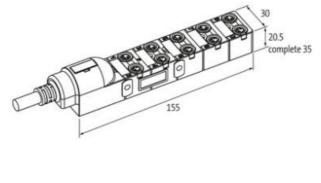
Illustration



Product may differ from Image

for 2 signals per port





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-10.1 ECLASS-11.1	27440108
ECLASS-11.1 ECLASS-12.0	27440108
ETIM-5.0	EC002585
customs tariff number	85444290
GTIN	4048879056700
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	
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	
Material housing	Plastic
Mechanical data Mounting data	
Mounting method	Schraubgewinde
Environmental characteristics Climatic	-
Onerating temperature min	
Operating temperature min.	-20 °C
Operating temperature max.	2° 08
Operating temperature max. Additional condition temperature range	
Operating temperature max.	2° 08
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Operating temperature max. Additional condition temperature range Installation Cable	80 °C depending on cable quality
Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate	80 °C depending on cable quality 411
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Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding	80 °C depending on cable quality 411 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-
Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding Filler wire arrangement	80 °C depending on cable quality 411 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, pink, pink)
Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding Filler wire arrangement Cable weigth	80 °C depending on cable quality 411 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
Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Banding Filler wire arrangement Cable weigth Material jacket	80 °C depending on cable quality 411 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
Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket	80 °C depending on cable quality 411 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
Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	80 °C depending on cable quality 411 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
Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	80 °C depending on cable quality 411 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, 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
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Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation	80 °C depending on cable quality 411 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
Operating temperature max. Additional condition temperature range 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	80 °C depending on cable quality 411 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
Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding 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	80 °C depending on cable quality 411 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
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Amount strands (wire)	19
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm²
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)	±5%
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 ²
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)	2° 08
Operating temperature min. (dynamic)	-5 ℃
Operating temperature max. (dynamic)	2° 08
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	S2
PIN 3	-
PIN 4	S1

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