

EXACT8, 10XM8, 4POLE, MOULDED CABLE

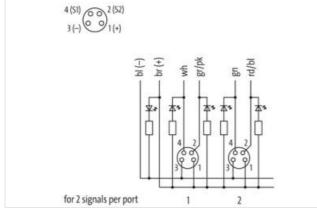
10.0m PUR 20x0,34+2x0,75

10-way, 4-pole for NPN signals 24 V DC 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





20.5 complete 35 155

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-9.0	27440108
ECLASS-10.1	27440108
ECLASS-11.1	27440108
ECLASS-12.0	27440108
ETIM-5.0	EC002585
customs tariff number	85444290
GTIN	4048879056632
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	
	M8 x 1
Mounting set	
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	
Operating temperature min.	-20 °C
Operating temperature max.	0° 08
Additional condition temperature range	depending on cable quality
Installation Cable	
Cable identification	411
Cable identification	411 gray cURus
Cable identification Jacket Color	gray
Cable identification Jacket Color Type of Certificate	gray cURus
Cable identification Jacket Color Type of Certificate Amount stranding	gray cURus 1
Cable identification Jacket Color Type of Certificate Amount stranding Stranding	gray cURus 1 8 wires around Core filler twisted
Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount 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	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	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	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)
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-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	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	gray cURus 1 8 wires around Core filler twisted 1 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)	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
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)	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) Outer-diameter (jacket) Tolerance 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 % TPE-E 20
Cable identificationJacket ColorType of CertificateAmount strandingStrandingAmount stranding (type 2)Stranding (type 2)BandingFillerwire arrangementCable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)Material wire insulationAmount wiresOuter 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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Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free
Traversing distance (C-track)	5 m @ 25 °C horizontal
Amount strands (wire)	19
Diameter of single wires	0.15 mm
Conductor crosssection (wire)	0,34 mm ²
Material conductor wire	Stranded copper wire, bare
	Strand class 5
Conductor type (wire) Material wire insulation (Data)	TPE-E
	1.8 mm
Outer diameter wire insulation (Data)	,- ,-
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 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
Max. operating temperature (fixed) Operating temperature min. (dynamic)	80 °C -5 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature min. (dynamic) Operating temperature max. (dynamic)	-5 °C 80 °C
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance	-5 °C 80 °C IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance	-5 °C 80 °C IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 Good, application-related testing
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance	-5 °C 80 °C IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 Good, application-related testing Good, application-related testing
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance	-5 °C 80 °C IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 Good, application-related testing Good, application-related testing DIN EN 60811-404 Good, application-related testing
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (installation)	-5 °C 80 °C IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 Good, application-related testing Good, application-related testing DIN EN 60811-404 Good, application-related testing x Outer diameter
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Oil resistance Bending radius (installation) Bending radius (fixed)	-5 °C 80 °C IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 Good, application-related testing Good, application-related testing DIN EN 60811-404 Good, application-related testing x Outer diameter 7,5 x Outer diameter
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (installation) Bending radius (fixed) Bending radius (dynamic)	-5 °C 80 °C IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 Good, application-related testing Good, application-related testing DIN EN 60811-404 Good, application-related testing x Outer diameter 7,5 x Outer diameter 10 x Outer diameter
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (installation) Bending radius (fixed) Bending radius (dynamic) Travel speed (C-track)	-5 °C 80 °C IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 Good, application-related testing Good, application-related testing DIN EN 60811-404 Good, application-related testing x Outer diameter 7,5 x Outer diameter 10 x Outer diameter
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (installation) Bending radius (fixed) Bending radius (dynamic) Travel speed (C-track) Connection type 2	-5 °C 80 °C IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 Good, application-related testing Good, application-related testing DIN EN 60811-404 Good, application-related testing x Outer diameter 7,5 x Outer diameter 10 x Outer diameter 5 Mio. @ 25 °C
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (installation) Bending radius (fixed) Bending radius (dynamic) Travel speed (C-track) Connection type 2 Family construction form No. of poles	-5 °C 80 °C IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 Good, application-related testing Good, application-related testing DIN EN 60811-404 Good, application-related testing x Outer diameter 7,5 x Outer diameter 7,5 x Outer diameter 10 x Outer diameter 5 Mio. @ 25 °C free cable end
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (installation) Bending radius (fixed) Bending radius (dynamic) Travel speed (C-track) Connection type 2 Family construction form	-5 °C 80 °C IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 Good, application-related testing Good, application-related testing DIN EN 60811-404 Good, application-related testing x Outer diameter 7,5 x Outer diameter 7,5 x Outer diameter 10 x Outer diameter 5 Mio. @ 25 °C free cable end 20
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (installation) Bending radius (fixed) Bending radius (dynamic) Travel speed (C-track) Connection type 2 Family construction form No. of poles Family construction form	-5 °C 80 °C IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 Good, application-related testing Good, application-related testing DIN EN 60811-404 Good, application-related testing x Outer diameter 7,5 x Outer diameter 10 x Outer diameter 5 Mio. @ 25 °C free cable end 20 M8
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (installation) Bending radius (fixed) Bending radius (dynamic) Travel speed (C-track) Connection type 2 Family construction form No. of poles Family construction form Gender Color contact carrier	-5 °C 80 °C IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 Good, application-related testing Good, application-related testing DIN EN 60811-404 Good, application-related testing x Outer diameter 7,5 x Outer diameter 7,5 x Outer diameter 10 x Outer diameter 5 Mio. @ 25 °C free cable end 20 M8 female
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (installation) Bending radius (fixed) Bending radius (dynamic) Travel speed (C-track) Connection type 2 Family construction form No. of poles Family construction form Gender Color contact carrier Coding	-5 °C 80 °C IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 Good, application-related testing Good, application-related testing DIN EN 60811-404 Good, application-related testing x Outer diameter 7,5 x Outer diameter 10 x Outer diameter 10 x Outer diameter 5 Mio. @ 25 °C free cable end 20 M8 female black A
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (installation) Bending radius (fixed) Bending radius (dynamic) Travel speed (C-track) Connection type 2 Family construction form No. of poles Family construction form Gender Color contact carrier Coding No. of poles	-5 °C 80 °C IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 Good, application-related testing Good, application-related testing DIN EN 60811-404 Good, application-related testing x Outer diameter 7,5 x Outer diameter 10 x Outer diameter 5 Mio. @ 25 °C Iffee cable end 20 M8 female black A 4
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (installation) Bending radius (fixed) Bending radius (dynamic) Travel speed (C-track) Connection type 2 Family construction form No. of poles Family construction form Gender Color contact carrier Coding No. of poles PIN 1	-5 °C 80 °C IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 Good, application-related testing Good, application-related testing DIN EN 60811-404 Good, application-related testing x Outer diameter 7,5 x Outer diameter 10 x Outer diameter 5 Mio. @ 25 °C Iffee cable end 20 M8 female black A 4 +
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (installation) Bending radius (installation) Bending radius (fixed) Bending radius (dynamic) Travel speed (C-track) Connection type 2 Family construction form No. of poles Family construction form Gender Color contact carrier Coding No. of poles PIN 1 PIN 2	-5 °C 80 °C IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 Good, application-related testing Good, application-related testing DIN EN 60811-404 Good, application-related testing x Outer diameter 7,5 x Outer diameter 10 x Outer diameter 5 Mio. @ 25 °C Iffee cable end 20 M8 female black A 4
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (installation) Bending radius (installation) Bending radius (fixed) Bending radius (dynamic) Travel speed (C-track) Connection type 2 Family construction form No. of poles Family construction form Gender Color contact carrier Coding No. of poles PIN 1	-5 °C 80 °C IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 Good, application-related testing Good, application-related testing DIN EN 60811-404 Good, application-related testing x Outer diameter 7,5 x Outer diameter 10 x Outer diameter 5 Mio. @ 25 °C Iffee cable end 20 M8 female black A 4 + 5 2

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