

10×M8

## EXACT8, 10XM8, 3 POLE MOULDED CABLE

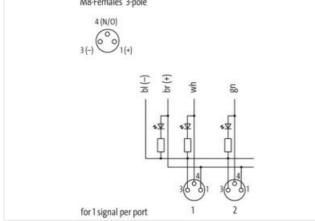
15.0m PUR 10\*0,34+2\*0,75 exit norm..

10-way, 3-pole 15.0 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





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	
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: 2024-05-03

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Cable weigth121 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)9,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPE-EAmount wires10Outer diameter insulation1,4 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation55 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free	Operating temperature min. Operating temperature max. Additional condition temperature range Installation   Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding	80 °C depending on cable quality 384 gray cURus 1 3 wires twisted 1
Material jacketPURShore hardness jacket89 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)9,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPE-EAmount wires10Outer diameter tolerance core insulation1,4 mmOuter diameter tolerance core insulation55 ± 5 Shore DIngredient freeness wire insulation55 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free	Operating temperature min.     Operating temperature max.     Additional condition temperature range     Installation   Cable     Cable identification     Jacket Color     Type of Certificate     Amount stranding     Stranding     Amount stranding (type 2)	80 °C     depending on cable quality     384     gray     cURus     1     3 wires twisted     1     9 wires around Stranding combination twisted
Shore hardness jacket89 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)9,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPE-EAmount wires10Outer diameter insulation1,4 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation55 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free	Operating temperature min. 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)	80 °C     depending on cable quality     384     gray     cURus     1     3 wires twisted     1     9 wires around Stranding combination twisted     Fleece
Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)9,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPE-EAmount wires10Outer diameter tolerance core insulation1,4 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation55 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free	Operating temperature min.     Operating temperature max.     Additional condition temperature range     Installation   Cable     Cable identification     Jacket Color     Type of Certificate     Amount stranding     Stranding     Amount stranding (type 2)     Stranding     wire arrangement     Cable weigth	80 °C     depending on cable quality     384     gray     cURus     1     3 wires twisted     1     9 wires around Stranding combination twisted     Fleece     red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink)
Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)9,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPE-EAmount wires10Outer diameter tolerance core insulation1,4 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation55 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free	Operating temperature min. 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 wire arrangement	80 °C     depending on cable quality     384     gray     cURus     1     3 wires twisted     1     9 wires around Stranding combination twisted     Fleece     red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink)     121 g/m
Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   TPE-E     Amount wires   10     Outer diameter insulation   1,4 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	Operating temperature min.     Operating temperature max.     Additional condition temperature range     Installation   Cable     Cable identification     Jacket Color     Type of Certificate     Amount stranding     Stranding     Amount stranding (type 2)     Stranding     wire arrangement     Cable weigth	80 °C     depending on cable quality     384     gray     cURus     1     3 wires twisted     1     9 wires around Stranding combination twisted     Fleece     red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink)     121 g/m     PUR
Material wire insulation TPE-E   Amount wires 10   Outer diameter insulation 1,4 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	Operating temperature min. 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 wire arrangement Cable weigth Material jacket	80 °C     depending on cable quality     384     gray     cURus     1     3 wires twisted     1     9 wires around Stranding combination twisted     Fleece     red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink)     121 g/m     PUR     89 ± 5 Shore A
Amount wires10Outer diameter insulation1,4 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation55 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free	Operating temperature min.     Operating temperature max.     Additional condition temperature range     Installation   Cable     Cable identification     Jacket Color     Type of Certificate     Amount stranding     Stranding     Amount stranding (type 2)     Stranding     wire arrangement     Cable weigth     Material jacket     Shore hardness jacket	80 °C     depending on cable quality     384     gray     cURus     1     3 wires twisted     1     9 wires around Stranding combination twisted     Fleece     red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink)     121 g/m     PUR     89 ± 5 Shore A     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free
Outer diameter insulation   1,4 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	Operating temperature min.     Operating temperature max.     Additional condition temperature range     Installation   Cable     Cable identification     Jacket Color     Type of Certificate     Amount stranding     Stranding     Amount stranding (type 2)     Stranding     wire arrangement     Cable weigth     Material jacket     Shore hardness jacket     Freedom from ingredients (jacket)	80 °C     depending on cable quality     384     gray     cURus     1     3 wires twisted     1     9 wires around Stranding combination twisted     Fleece     red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink)     121 g/m     PUR     89 ± 5 Shore A     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free     9,3 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	Operating temperature min.     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     wire arrangement     Cable weigth     Material jacket     Shore hardness jacket     Freedom from ingredients (jacket)     Outer-diameter (jacket)	80 °C     depending on cable quality     384     gray     cURus     1     3 wires twisted     1     9 wires around Stranding combination twisted     Fleece     red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink)     121 g/m     PUR     89 ± 5 Shore A     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free     9,3 mm     ± 5 %
Shore hardness wire insulation 55 ± 5 Shore D   Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free	Operating temperature min.     Operating temperature max.     Additional condition temperature range     Installation   Cable     Cable identification     Jacket Color     Type of Certificate     Amount stranding     Stranding     Amount stranding (type 2)     Banding     wire arrangement     Cable weigth     Material jacket     Shore hardness jacket     Freedom from ingredients (jacket)     Outer-diameter (jacket)     Tolerance outer diameter (sheath)	80 °C     depending on cable quality     384     gray     cURus     1     3 wires twisted     1     9 wires around Stranding combination twisted     Fleece     red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink)     121 g/m     PUR     89 ± 5 Shore A     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free     9,3 mm     ± 5 %     TPE-E
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free	Operating temperature min.     Operating temperature max.     Additional condition temperature range     Installation   Cable     Cable identification     Jacket Color     Type of Certificate     Amount stranding     Stranding     Amount stranding (type 2)     Stranding     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     384     gray     cURus     1     3 wires twisted     1     9 wires around Stranding combination twisted     Fleece     red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink)     121 g/m     PUR     89 ± 5 Shore A     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free     9,3 mm     ± 5 %     TPE-E     10
	Operating temperature min.     Operating temperature max.     Additional condition temperature range     Installation   Cable     Cable identification     Jacket Color     Type of Certificate     Amount stranding     Stranding     Amount stranding (type 2)     Banding     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 tolerance core insulation	80 °C     depending on cable quality     384     gray     cURus     1     3 wires twisted     1     9 wires around Stranding combination twisted     Fleece     red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink)     121 g/m     PUR     89 ± 5 Shore A     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free     9,3 mm     ± 5 %     TPE-E     10     1,4 mm
Amount strands (wire) 19	Operating temperature min.     Operating temperature max.     Additional condition temperature range     Installation   Cable     Cable identification     Jacket Color     Type of Certificate     Amount stranding     Stranding     Amount stranding (type 2)     Banding     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     384     gray     cURus     1     3 wires twisted     1     9 wires around Stranding combination twisted     Fleece     red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink)     121 g/m     PUR     89 ± 5 Shore A     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free     9,3 mm     ± 5 %     TPE-E     10     1,4 mm     ± 5 %
	Operating temperature min.     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     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 tolerance core insulation     Shore hardness wire insulation	80 °C     depending on cable quality     384     gray     cURus     1     3 wires twisted     1     9 wires around Stranding combination twisted     Fleece     red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink)     121 g/m     PUR     89 ± 5 Shore A     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free     9,3 mm     ± 5 %     TPE-E     10     1,4 mm     ± 5 %     55 ± 5 Shore D

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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)	±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 <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)	2° 08
Operating temperature min. (dynamic)	-5 ℃
Operating temperature max. (dynamic)	80 °C
Flame resistance	IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2
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	12
Family construction form	M8
Gender	female
Color contact carrier	black
Coding	A
No. of poles	3
PIN 1	+
PIN 3	-
PIN 4	S

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