

## **EXACT8, 4XM8, 3 POLE PRE-WIRED CABLE**

15.0m PUR/PVC 4\*0,34+2\*0,75

4-way, 3-pole PUR/PVC

Further cable lengths on request.

15.0 m

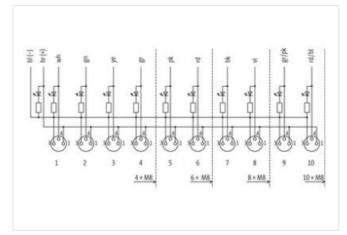
Plastic housings with good resistance against chemicals and oils.

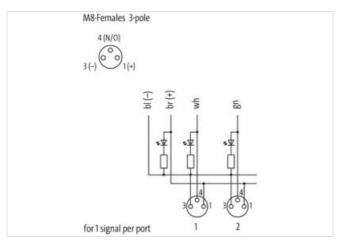
The resistance to aggressive media should be individually tested for your application. Further details on request.

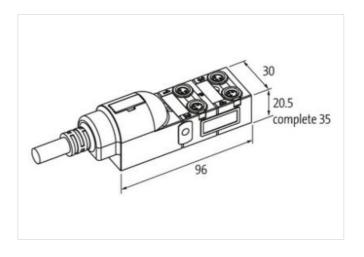
## **Link to Product**

## Illustration









Product may differ from Image









Commercial data		
ECLASS-6.0	27279219	
ECLASS-6.1	27279219	
ECLASS-7.0	27279219	
ECLASS-8.0	27279219	



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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 GTIN	85444290 4048879056519
Packaging unit	1
Electrical data   Supply	
Operating voltage DC	24 V 2 A
Current operating per contact max.  Total current max.	
	8 A
Industrial communication	
Number of signals per port	1
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
	name 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.	80 °C
Additional condition temperature range	depending on cable quality
Installation   Cable	
Cable identification	337
Cable Time	007
Cable Type	2
Jacket Color	
	2
Jacket Color	2 gray
Jacket Color Type of Certificate	2 gray cURus
Jacket Color Type of Certificate STOOW style jacket	gray cURus Hybrid, Signal, Power
Jacket Color Type of Certificate STOOW style jacket Amount stranding	gray cURus Hybrid, Signal, Power  1 6 wires around Core filler twisted yes
Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Filler wire arrangement	gray cURus Hybrid, Signal, Power  1 6 wires around Core filler twisted yes gray, yellow, green, white, brown, blue
Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Filler wire arrangement No. of bending cycles (C-track)	gray cURus Hybrid, Signal, Power  1 6 wires around Core filler twisted yes gray, yellow, green, white, brown, blue 2 Mio. @ 25 °C
Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Filler wire arrangement No. of bending cycles (C-track) Cable weigth	gray cURus Hybrid, Signal, Power  1 6 wires around Core filler twisted yes gray, yellow, green, white, brown, blue 2 Mio. @ 25 °C 74,8 g/m
Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket	gray cURus Hybrid, Signal, Power  1 6 wires around Core filler twisted yes gray, yellow, green, white, brown, blue 2 Mio. @ 25 °C 74,8 g/m PUR
Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Filler wire arrangement No. of bending cycles (C-track) Cable weigth	gray cURus Hybrid, Signal, Power  1 6 wires around Core filler twisted yes gray, yellow, green, white, brown, blue 2 Mio. @ 25 °C 74,8 g/m
Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	gray cURus Hybrid, Signal, Power  1 6 wires around Core filler twisted yes gray, yellow, green, white, brown, blue 2 Mio. @ 25 °C 74,8 g/m PUR
Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	gray cURus Hybrid, Signal, Power  1 6 wires around Core filler twisted yes gray, yellow, green, white, brown, blue 2 Mio. @ 25 °C 74,8 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 6,9 mm
Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	gray cURus Hybrid, Signal, Power  1 6 wires around Core filler twisted yes gray, yellow, green, white, brown, blue 2 Mio. @ 25 °C 74,8 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 6,9 mm ± 5 %
Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket	gray cURus Hybrid, Signal, Power  1 6 wires around Core filler twisted yes gray, yellow, green, white, brown, blue 2 Mio. @ 25 °C 74,8 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 6,9 mm
Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket)	gray cURus Hybrid, Signal, Power  1 6 wires around Core filler twisted yes gray, yellow, green, white, brown, blue 2 Mio. @ 25 °C 74,8 g/m PUR 87 ± 5 Shore A  lead-free, cadmium-free, CFC-free, silicone-free 6,9 mm ± 5 % PVC gray
Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket) Material wire insulation	gray cURus Hybrid, Signal, Power  1 6 wires around Core filler twisted yes gray, yellow, green, white, brown, blue 2 Mio. @ 25 °C 74,8 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 6,9 mm ± 5 % PVC gray PVC
Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket)	gray cURus Hybrid, Signal, Power  1 6 wires around Core filler twisted yes gray, yellow, green, white, brown, blue 2 Mio. @ 25 °C 74,8 g/m PUR 87 ± 5 Shore A  lead-free, cadmium-free, CFC-free, silicone-free 6,9 mm ± 5 % PVC gray



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Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	43 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
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
Material wire insulation (Power)	PVC
Outer diameter wire insulation (Power)	1,8 mm
Tolerance outer diameter wire insulation (Power)	±5 %
Shore hardness wire insulation (Power)	43±5 Shore D
Material properties wire insulation (Power)	good machinability
Ingredient freeness wire insulation (Power)	lead-free, cadmium-free, CFC-free, silicone-free
Amount wires (Power)	2
Amount strands wire (Power)	24
Diameter of single wires (Power)	0,2 mm
Wire conductor cross section (Power)	0,75 mm <sup>2</sup>
Material conductor wire (Power)	Stranded copper wire, bare
Conductor type wire (Power)	Strand class 5
Traversing distance (C-track)	5 m @ 25 °C   horizontal
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,2 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
Electrical resistance coating wire (Power)	26 Ω/km @20 °C
Loop resistance	8,4 A
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)	
	-30 °C
Max_operating temperature (fixed)	-30 °C 80 °C
Max. operating temperature (fixed)  Operating temperature min. (dynamic)	80 °C
Operating temperature min. (dynamic)	80 °C -5 °C
Operating temperature min. (dynamic) Operating temperature max. (dynamic)	80 °C -5 °C 70 °C
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance	80 °C -5 °C 70 °C UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance	80 °C -5 °C 70 °C UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2 Good, application-related testing
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance	80 °C -5 °C 70 °C UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2 Good, application-related testing Good, application-related testing
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance	80 °C  -5 °C  70 °C  UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  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 (fixed)	80 °C -5 °C 70 °C UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2 Good, application-related testing Good, application-related testing DIN EN 60811-404   Good, application-related testing 5 x Outer diameter
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance	80 °C  -5 °C  70 °C  UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  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 (fixed) Bending radius (dynamic) Connection type 2	80 °C -5 °C 70 °C UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2 Good, application-related testing Good, application-related testing DIN EN 60811-404   Good, application-related testing 5 x Outer diameter
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (fixed) Bending radius (dynamic)  Connection type 2 Family construction form	80 °C  -5 °C  70 °C  UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  Good, application-related testing  Good, application-related testing  DIN EN 60811-404   Good, application-related testing  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 (fixed) Bending radius (dynamic)  Connection type 2 Family construction form No. of poles	80 °C  -5 °C  70 °C  UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  Good, application-related testing  Good, application-related testing  DIN EN 60811-404   Good, application-related testing  5 x Outer diameter  10 x Outer diameter  free cable end  6
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (fixed) Bending radius (dynamic)  Connection type 2 Family construction form No. of poles Family construction form	80 °C  -5 °C  70 °C  UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  Good, application-related testing  Good, application-related testing  DIN EN 60811-404   Good, application-related testing  5 x Outer diameter  10 x Outer diameter  free cable end  6  M8
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (fixed) Bending radius (dynamic)  Connection type 2 Family construction form No. of poles Family construction form Gender	80 °C  -5 °C  70 °C  UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  Good, application-related testing  Good, application-related testing  DIN EN 60811-404   Good, application-related testing  5 x Outer diameter  10 x Outer diameter  free cable end  6  M8  female
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (fixed) Bending radius (dynamic)  Connection type 2 Family construction form No. of poles Family construction form Gender Color contact carrier	80 °C -5 °C 70 °C  UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  Good, application-related testing  Good, application-related testing  DIN EN 60811-404   Good, application-related testing  5 x Outer diameter  10 x Outer diameter  free cable end  6  M8  female  black
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (fixed) Bending radius (dynamic)  Connection type 2 Family construction form No. of poles Family construction form Gender Color contact carrier Coding	80 °C -5 °C 70 °C UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2 Good, application-related testing Good, application-related testing DIN EN 60811-404   Good, application-related testing 5 x Outer diameter 10 x Outer diameter  free cable end 6 M8 female black A
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (fixed) Bending radius (dynamic)  Connection type 2 Family construction form No. of poles Family construction form Gender Color contact carrier Coding No. of poles	80 °C -5 °C 70 °C UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2 Good, application-related testing Good, application-related testing DIN EN 60811-404   Good, application-related testing 5 x Outer diameter 10 x Outer diameter  free cable end 6 M8 female black A
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (fixed) Bending radius (dynamic)  Connection type 2 Family construction form No. of poles Family construction form Gender Color contact carrier Coding No. of poles PIN 1	80 °C -5 °C 70 °C UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2 Good, application-related testing Good, application-related testing DIN EN 60811-404   Good, application-related testing 5 x Outer diameter 10 x Outer diameter  free cable end 6 M8 female black A
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (fixed) Bending radius (dynamic)  Connection type 2 Family construction form No. of poles Family construction form Gender Color contact carrier Coding No. of poles	80 °C -5 °C 70 °C UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2 Good, application-related testing Good, application-related testing DIN EN 60811-404   Good, application-related testing 5 x Outer diameter 10 x Outer diameter  free cable end 6 M8 female black A

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: 2024-04-25

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