

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

3.0m PUR/PVC 4\*0,34+2\*0,75

4-way, 3-pole PUR/PVC

Further cable lengths on request.

3.0 m

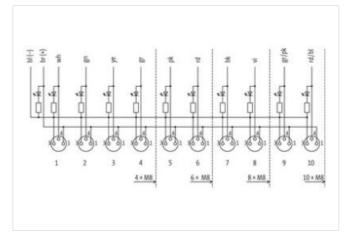
Plastic housings with good resistance against chemicals and oils.

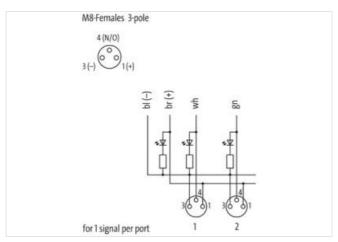
The resistance to aggressive media should be individually tested for your application. Further details on request.

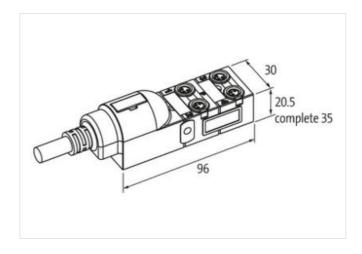
## **Link to Product**

## 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	85444290
GTIN	4048879056540
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	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
Mechanical data   Material data	
Material housing	Plastic
Mechanical data   Mounting data	
Mounting method	Och was been stated
Mounting method	Schraubgewinde
Environmental characteristics   Climatic	Schraubgewinde
	-20 °C
Environmental characteristics   Climatic	
Environmental characteristics   Climatic  Operating temperature min.	-20 °C
Environmental characteristics   Climatic Operating temperature min. Operating temperature max.	-20 °C 80 °C
Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range	-20 °C 80 °C
Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation   Cable Cable identification	-20 °C 80 °C depending on cable quality
Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation   Cable	-20 °C  80 °C  depending on cable quality  337
Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation   Cable Cable identification Cable Type	-20 °C 80 °C depending on cable quality  337
Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation   Cable Cable identification Cable Type Function cable	-20 °C 80 °C depending on cable quality  337 2 Hybrid, Signal, Power
Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation   Cable Cable identification Cable Type Function cable Jacket Color	-20 °C 80 °C depending on cable quality  337 2 Hybrid, Signal, Power gray
Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation   Cable Cable identification Cable Type Function cable Jacket Color Type of Certificate	-20 °C  80 °C  depending on cable quality  337  2  Hybrid, Signal, Power gray cURus
Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation   Cable Cable identification Cable Type Function cable Jacket Color Type of Certificate Amount stranding	-20 °C  80 °C  depending on cable quality  337  2  Hybrid, Signal, Power  gray  cURus  1
Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation   Cable Cable identification Cable Type Function cable Jacket Color Type of Certificate Amount stranding Stranding	-20 °C  80 °C depending on cable quality  337 2 Hybrid, Signal, Power gray cURus 1 6 wires around Core filler twisted
Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation   Cable Cable identification Cable Type Function cable Jacket Color Type of Certificate Amount stranding Stranding Filler	-20 °C  80 °C  depending on cable quality  337  2  Hybrid, Signal, Power gray cURus  1  6 wires around Core filler twisted yes
Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation   Cable Cable identification Cable Type Function cable Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement	-20 °C  80 °C  depending on cable quality  337  2  Hybrid, Signal, Power  gray  cURus  1  6 wires around Core filler twisted  yes  gray, yellow, green, white, brown, blue
Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation   Cable Cable identification Cable Type Function cable Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement Cable weigth	-20 °C  80 °C  depending on cable quality  337  2  Hybrid, Signal, Power  gray  cURus  1  6 wires around Core filler twisted  yes  gray, yellow, green, white, brown, blue  74,8 g/m
Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation   Cable Cable identification Cable Type Function cable Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement Cable weigth Material jacket	-20 °C  80 °C  depending on cable quality  337  2  Hybrid, Signal, Power  gray  cURus  1  6 wires around Core filler twisted  yes  gray, yellow, green, white, brown, blue  74,8 g/m  PUR
Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation   Cable Cable identification Cable Type Function cable Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket	-20 °C  80 °C  depending on cable quality  337  2  Hybrid, Signal, Power gray  cURus  1  6 wires around Core filler twisted  yes gray, yellow, green, white, brown, blue  74,8 g/m  PUR  87 ± 5 Shore A
Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation   Cable Cable identification Cable Type Function cable Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	-20 °C 80 °C depending on cable quality  337 2 Hybrid, Signal, Power gray cURus 1 6 wires around Core filler twisted yes gray, yellow, green, white, brown, blue 74,8 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 6,9 mm ± 5 %
Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation   Cable Cable identification Cable Type Function cable Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket	-20 °C  80 °C  depending on cable quality  337  2  Hybrid, Signal, Power gray cURus  1  6 wires around Core filler twisted yes gray, yellow, green, white, brown, blue 74,8 g/m PUR  87 ± 5 Shore A  lead-free, cadmium-free, CFC-free, silicone-free 6,9 mm
Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation   Cable Cable identification Cable Type Function cable Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	-20 °C  80 °C  depending on cable quality  337  2  Hybrid, Signal, Power gray cURus 1 6 wires around Core filler twisted yes gray, yellow, green, white, brown, blue 74,8 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 6,9 mm ± 5 % PVC gray
Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation   Cable Cable identification Cable Type Function cable Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket	-20 °C  80 °C  depending on cable quality  337  2  Hybrid, Signal, Power gray cURus  1  6 wires around Core filler twisted yes gray, yellow, green, white, brown, blue 74,8 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 6,9 mm ± 5 % PVC gray PVC
Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation   Cable Cable identification Cable Type Function cable Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement 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 Amount wires	-20 °C  80 °C  depending on cable quality  337  2  Hybrid, Signal, Power gray cURus  1  6 wires around Core filler twisted yes gray, yellow, green, white, brown, blue 74.8 g/m PUR  87 ± 5 Shore A  lead-free, cadmium-free, CFC-free, silicone-free 6.9 mm ± 5 % PVC gray PVC
Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation   Cable Cable identification Cable Type Function cable Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement 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 Amount wires Outer diameter insulation	-20 °C  80 °C  depending on cable quality  337  2  Hybrid, Signal, Power gray  cURus  1  6 wires around Core filler twisted yes gray, yellow, green, white, brown, blue 74,8 g/m  PUR  87 ± 5 Shore A  lead-free, cadmium-free, CFC-free, silicone-free 6,9 mm ± 5 %  PVC gray  PVC  4  1,3 mm
Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation   Cable Cable identification Cable Type Function cable Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement 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 Amount wires	-20 °C  80 °C  depending on cable quality  337  2  Hybrid, Signal, Power gray cURus  1  6 wires around Core filler twisted yes gray, yellow, green, white, brown, blue 74.8 g/m PUR  87 ± 5 Shore A  lead-free, cadmium-free, CFC-free, silicone-free 6.9 mm ± 5 % PVC gray PVC



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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 mm²
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 mm²
Material conductor wire (Power)	Stranded copper wire, bare
Conductor type wire (Power)	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	4,2 A
Current carrying capacity min. wire (Power)	8,4 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
Electrical resistance coating wire (Power)	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)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 ℃
Operating temperature max. (dynamic)	70 °C
Flame resistance	UL 1581 § 1090   IEC 60332-2-2   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 (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C   horizontal
Travel speed (C-track)	2 m/s @ 25 °C
Connection type 2	
Family construction form	free cable end
No. of poles	6
Family construction form	M8
Gender	female
Color contact carrier	black
Coding	A
No. of poles	3
PIN 1	+
PIN 3	-
PIN 4	S

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: 2024-05-21

Product-PDF for Article 8000-84010-3370300

