

## **EXACT8, 6XM8, 3POLE, MOULDED CABLE**

5.0m PUR 6x0,34+2x0,75

6-way, 3-pole

for NPN signals 24 V DC

Further cable lengths on request.

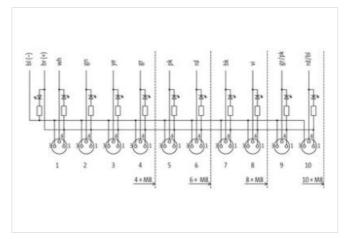
Plastic housings with good resistance against chemicals and oils.

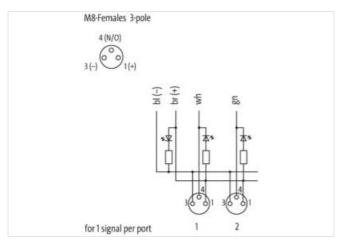
The resistance to aggressive media should be individually tested for your application. Further details on request.

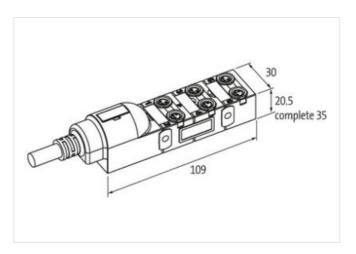
## **Link to Product**

## Illustration









Product may differ from Image







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



stay connected

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	4048879055215
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	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	356
Jacket Color	gray
Type of Certificate	cURus, CSA
Amount stranding	1
Stranding	8 wires around Core filler twisted
Banding	Fleece
Filler	yes
	•
wire arrangement	brown, blue, red, pink, gray, yellow, green, white
wire arrangement  Cable weigth	brown, blue, red, pink, gray, yellow, green, white 92,4 g/m
Cable weigth	92,4 g/m
Cable weigth Material jacket	92,4 g/m PUR
Cable weigth  Material jacket  Shore hardness jacket	92,4 g/m PUR 89 ± 5 Shore A
Cable weigth  Material jacket  Shore hardness jacket  Freedom from ingredients (jacket)	92,4 g/m PUR  89 ± 5 Shore A  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free
Cable weigth  Material jacket  Shore hardness jacket  Freedom from ingredients (jacket)  Outer-diameter (jacket)	92,4 g/m  PUR  89 ± 5 Shore A  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free  8,5 mm
Cable weigth  Material jacket  Shore hardness jacket  Freedom from ingredients (jacket)  Outer-diameter (jacket)  Tolerance outer diameter (sheath)	92,4 g/m  PUR  89 ± 5 Shore A  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free  8,5 mm  ± 5 %
Cable weigth  Material jacket  Shore hardness jacket  Freedom from ingredients (jacket)  Outer-diameter (jacket)  Tolerance outer diameter (sheath)  Material wire insulation	92,4 g/m PUR 89 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 8,5 mm ± 5 % TPE-E
Cable weigth  Material jacket  Shore hardness jacket  Freedom from ingredients (jacket)  Outer-diameter (jacket)  Tolerance outer diameter (sheath)  Material wire insulation  Amount wires	92,4 g/m  PUR  89 ± 5 Shore A  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free  8,5 mm  ± 5 %  TPE-E  6
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	92,4 g/m PUR 89 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 8,5 mm ± 5 % TPE-E 6 1,5 mm
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  Outer diameter tolerance core insulation	92,4 g/m PUR 89 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 8,5 mm ± 5 % TPE-E 6 1,5 mm ± 5 %
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  Outer diameter tolerance core insulation  Shore hardness wire insulation  Ingredient freeness wire insulation  Amount strands (wire)	92,4 g/m PUR  89 ± 5 Shore A  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free  8,5 mm ± 5 %  TPE-E 6  1,5 mm ± 5 %  55 Shore D
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  Outer diameter tolerance core insulation  Shore hardness wire insulation  Ingredient freeness wire insulation	92,4 g/m PUR 89 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 8,5 mm ± 5 % TPE-E 6 1,5 mm ± 5 % 55 Shore D lead-free, cadmium-free, CFC-free, halogen-free

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: 2024-05-04



## stay connected

Conductor crosssection (wire)	0,34 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
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 Shore D
Ingredient freeness wire insulation (Data)	lead-free, cadmium-free, CFC-free, halogen-free
Amount wires (Data)	2
Amount strands wire (Data)	42
Diameter of single wires (Data)	0,15 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 6
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 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)	80 °C
Operating temperature min. (dynamic)	-5 ℃
Operating temperature max. (dynamic)	80 °C
Flame resistance	UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404
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	8
Family construction form	M8
Gender	female
Color contact carrier	black
Coding	A
No. of poles	3
PIN 1	+
PIN 3	-
PIN 4	\$