

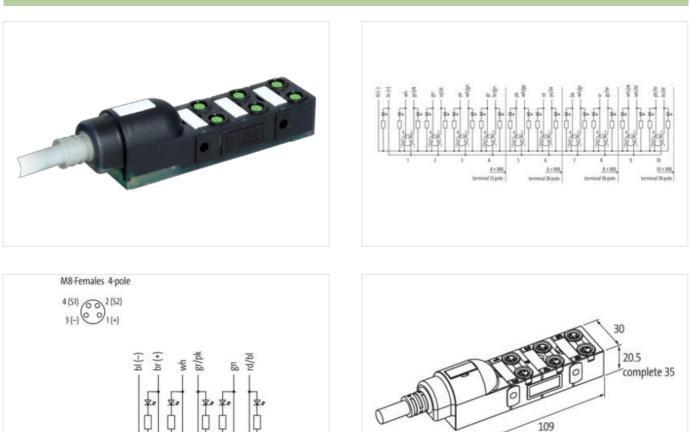
## EXACT8, 6XM8, 4 POLE MOULDED CABLE

10.0m PUR 12x0.34+2x0,75, UL/CSA

6-way, 4-pole 10.0 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



Product may differ from Image

**Commercial data** ECLASS-6.0 ECLASS-6.1 ECLASS-7.0

for 2 signals per port



1 2	
	<b>95</b>
LISTED	
07140400	
 27143423 27279219	
 27279219	

27279219 ECLASS-8.0 ECLASS-9.0 27440108

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ECLASS-10.1	27440108
ECLASS-11.1	27440108
ECLASS-12.0	27440108
ETIM-5.0	EC002585
customs tariff number	85444290
GTIN	4048879054928
Packaging unit	1
Electrical data   Supply	
Operating voltage DC	24 V
Current operating per contact max.	2 A
Total current max.	8A
Industrial communication	
Number of signals per port	2
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
	00.00
Operating temperature max.	80 °C
Additional condition temperature range	depending on cable quality
Additional condition temperature range	
Additional condition temperature range Installation   Cable	depending on cable quality
Additional condition temperature range Installation   Cable Cable identification	depending on cable quality 389
Additional condition temperature range Installation   Cable Cable identification Jacket Color	depending on cable quality 389 gray
Additional condition temperature range         Installation   Cable         Cable identification         Jacket Color         Type of Certificate	depending on cable quality 389 gray cURus, CSA
Additional condition temperature range         Installation   Cable         Cable identification         Jacket Color         Type of Certificate         Amount stranding	depending on cable quality 389 gray CURus, CSA 1
Additional condition temperature range         Installation   Cable         Cable identification         Jacket Color         Type of Certificate         Amount stranding         Stranding	depending on cable quality 389 gray cURus, CSA 1 4 wires twisted
Additional condition temperature range         Installation   Cable         Cable identification         Jacket Color         Type of Certificate         Amount stranding         Stranding         Amount stranding (type 2)	depending on cable quality         389         gray         cURus, CSA         1         4 wires twisted         1         1         10 wires around Stranding combination twisted         Fleece
Additional condition temperature range         Installation   Cable         Cable identification         Jacket Color         Type of Certificate         Amount stranding         Stranding         Amount stranding (type 2)	depending on cable quality         389         gray         CURus, CSA         1         4 wires twisted         1         10 wires around Stranding combination twisted
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	depending on cable quality         389         gray         cURus, CSA         1         4 wires twisted         1         10 wires around Stranding combination twisted         Fleece         red, yellow-white, gray-pink, pink, (brown, blue, brown-yellow, brown-green, green-white, red-blue, gray, yellow, green, white)         122,1 g/m
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	depending on cable quality         389         gray         cURus, CSA         1         4 wires twisted         1         10 wires around Stranding combination twisted         Fleece         red, yellow-white, gray-pink, pink, (brown, blue, brown-yellow, brown-green, green-white, red-blue, gray, yellow, green, white)         122,1 g/m         PUR
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	depending on cable quality         389         gray         cURus, CSA         1         4 wires twisted         1         10 wires around Stranding combination twisted         Fleece         red, yellow-white, gray-pink, pink, (brown, blue, brown-yellow, brown-green, green-white, red-blue, gray, yellow, green, white)         122,1 g/m         PUR         89 ± 5 Shore A
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)	depending on cable quality         389         gray         cURus, CSA         1         4 wires twisted         1         10 wires around Stranding combination twisted         Fleece         red, yellow-white, gray-pink, pink, (brown, blue, brown-yellow, brown-green, green-white, red-blue, gray, yellow, green, white)         122,1 g/m         PUR         89 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free
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)	depending on cable quality         389         gray         cURus, CSA         1         4 wires twisted         1         10 wires around Stranding combination twisted         Fleece         red, yellow-white, gray-pink, pink, (brown, blue, brown-yellow, brown-green, green-white, red-blue, gray, yellow, green, white)         122,1 g/m         PUR         89 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free         9,5 mm
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)	depending on cable quality         389         gray         cURus, CSA         1         4 wires twisted         1         10 wires around Stranding combination twisted         Fleece         red, yellow-white, gray-pink, pink, (brown, blue, brown-yellow, brown-green, green-white, red-blue, gray, yellow, green, white)         122,1 g/m         PUR         89 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free         9,5 mm         ± 5 %
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	depending on cable quality         389         gray         cURus, CSA         1         4 wires twisted         1         10 wires around Stranding combination twisted         Fleece         red, yellow-white, gray-pink, pink, (brown, blue, brown-yellow, brown-green, green-white, red-blue, gray, yellow, green, white)         122,1 g/m         PUR         89 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free         9,5 mm         ± 5 %         TPE-E
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	depending on cable quality         389         gray         cURus, CSA         1         4 wires twisted         1         10 wires around Stranding combination twisted         Fleece         red, yellow-white, gray-pink, pink, (brown, blue, brown-yellow, brown-green, green-white, red-blue, gray, yellow, green, white)         122,1 g/m         PUR         89 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free         9,5 mm         ± 5 %         TPE-E         10
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 insulation	depending on cable quality         389         gray         cURus, CSA         1         4 wires twisted         1         10 wires around Stranding combination twisted         Fleece         red, yellow-white, gray-pink, pink, (brown, blue, brown-yellow, brown-green, green-white, red-blue, gray, yellow, green, white)         122,1 g/m         PUR         89 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free         9,5 mm         ± 5 %         TPE-E         10         1,5 mm
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         Amount wires         Outer diameter insulation         Outer diameter tolerance core insulation	depending on cable quality         389         gray         cURus, CSA         1         4 wires twisted         1         10 wires around Stranding combination twisted         Fleece         red, yellow-white, gray-pink, pink, (brown, blue, brown-yellow, brown-green, green-white, red-blue, gray, yellow, green, white)         122,1 g/m         PUR         89 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free         9,5 mm         ± 5 %         TPE-E         10         1,5 mm         ± 5 %
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         Outer diameter insulation         Outer diameter tolerance core insulation         Shore hardness wire insulation	depending on cable quality         389         gray         cURus, CSA         1         4 wires twisted         1         10 wires around Stranding combination twisted         Fleece         red, yellow-white, gray-pink, pink, (brown, blue, brown-yellow, brown-green, green-white, red-blue, gray, yellow, green, white)         122,1 g/m         PUR         89 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free         9,5 mm         ± 5 %         TPE-E         10         1,5 mm         ± 5 %         55 ± 5 Shore D
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         Amount wires         Outer diameter tolerance core insulation	depending on cable quality         389         gray         cURus, CSA         1         4 wires twisted         1         10 wires around Stranding combination twisted         Fleece         red, yellow-white, gray-pink, pink, (brown, blue, brown-yellow, brown-green, green-white, red-blue, gray, yellow, green, white)         122,1 g/m         PUR         89 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free         9,5 mm         ± 5 %         TPE-E         10         1,5 mm         ± 5 %

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Diameter of single wires	0,1 mm
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 ± 5 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 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)	2° 08
Flame resistance	UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090
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	14
Family construction form	M8
Gender	female
Color contact carrier	black
Coding	A
No. of poles	4
PIN 1	+
PIN 2	S2
PIN 3	-
PIN 4	S1

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