

## EXACT8, 4XM8, 4 POLE MOULDED CABLE

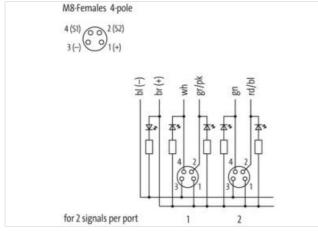
10.0m PUR 8x0,34+2x0,75 NPN-LED's

4-way, 4-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





30 20.5 complete 35 96

Product may differ from Image



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

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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Current operating per contact max.     2 A       Total current max.     8 A       Installation   Connection     Mounting set     Ms 1       Device protection   Electrical     Egree of protection   Media     Egree of protection   Media       Parame resistance     Itame resistance     Itame resistance       Material housing     Plastic     Mechanical data   Meterial data       Mechanical data   Meterial data     Mechanical data   Meterial data     Mechanical data   Meterial data       Mounting method     Schraubgewindo     Environmental charsceteristics   Climatic       Operating temperature max.     80 °C     Addition   Content or min.       Operating temperature max.     80 °C     Content or min.       Addition Contion temperature ranze     Go °C     Content or min.       Operating temperature max.     80 °C     Content or min.       Addition Contion temperature ranze     Go °C     Content or min.       Operating temperature max.     80 °C     Content or min.       Addition (Cable     Culture or culture or min.     20 °C       Operating temperature max.     80 °C     Content or min.       Addition on time presture max. <td< td=""><td></td><td></td></td<>		
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Installation   Connection       Mounting set     M8 x 1       Device protection   Electrical     IPE65, IPE7       Device protection   Moda     IPE65, IPE7       Device protection   Moda     Iame relardant       Machanical data   Material data     Iame relardant       Machanical data   Material data     Imenantical data   Material data       Machanical data   Material data     Schraubgewinde       Environmental characteristics   Cimatt     Operating membreal data       Operating membreal data   Material data     80 °C       Operating temperature max.     60 °C       Additional condition temperature may     depending on cable quality       Installation     360       Operating temperature may     400 °C       Cable dentification     360       Jacket Coor     gray       Type of Centification     910 wires around Filter tweted       Banding     Filter wes       Wire arrangement     brown, green, green-white, red-blue, gray-pink, gray, yellow, green, white       Cable weight     110 grim       Material poket     PUR       Shore hardness jacket     89 ± 5 Shore A       Freedom to		
Mounting set     M8 x 1       Device protection   Electrical     PES, IP67       Device protection   Media     Files, IP67       Device protection   Media     Itamo retardant       Material fousing     Itamo retardant       Machanical data   Material data     Itamo retardant       Machanical data   Material data     Schraubgewinde       Environmental characteristics   Climatic     Schraubgewinde       Environmental transmite     Schraubgewinde       Environmental transmite     Schraubgewinde       Environmental transmite     Schraubgewinde       Statistica   Schraubgewinde     Schraubgewinde       Envisita Informatican Schraubg	Total current max.	8 A
Device protection [ Electrical       Degree of protection [ Media       Teve protection [ Media       Flame resistance     filme retardant       Mechanical data [ Material data       Mechanical data [ Mounting data       Mounting method     Schraubgewinde       Environmental characteristics [ Climatic       Operating temperature max.     80 °C       Operating temperature max.     80 °C       Addition condition temperature max.     80 °C       Cabe identification     660       Jacket Color     gray       Type of Certificate     cURus       Anount standing     1       Stranding     10 wires around Filler twisted       Banding     Fileece       File     yes       wire arrangement     brown, blue, brown green, white, red blue, gray prink, gray, yellow, green, white       Cabe deving (grach)     10 ym       Material jacket     9 ym       Charlen couter diameter (sheadh)     ± 5 %       Material inner jacket     PVC	Installation   Connection	
Degree of protection (EN IEC 80529)     IP65, IP67       Device protection   Media     Itame retardant       Here relatione     Itame retardant       Mechanical data   Material data     Plastic       Mechanical data   Mounting data     Plastic       Mechanical data   Mounting data     Schraubgewinde       Environmental characteristics   Climatic     Operating imperature min.       -20 °C     Operating imperature min.       Operating imperature max.     80 °C       Additional condition temperature may.     depending on cable quality       Installation   Cable     Cable identification       Cable identification     360       Jacket Color     gray       Type of Contificate     CURus       Amount stranding     1       Stranding     10 wines around Filler twisted       Banding     Filer       Vier arangement     brown, blue, brown-green, green-white, red-blue, gray-pink, gray, yellow, green, white       Cable weight     110 g/m       Material jacket     PUR       Shore hardness jacket     89 ± 5 Shore A       Freedom from ingredients (gacket)     Iead free, cadmium-free, CFC-free, halogen-free,	Mounting set	M8 x 1
Device protection   Media       Flame resistance     flame retardant       Material data   Material data     Material housing     Plastic       Material housing     Plastic     Material housing     Plastic       Mechanical data   Mounting method     Schraubgewinde     Schraubgewinde     Material housing     Plastic       Environmental characteristics   Climatic     Operating temperature min.     20 °C     Addisonal condition temperature max.     80 °C       Addisonal condition temperature max.     80 °C     Caddisonal condition temperature may.     80 °C       Addisonal condition temperature max.     80 °C     Caddisonal condition temperature may.     80 °C       Jacket Color     gray     Type of Carllicate     CLRus     Catel identification     380       Jacket Color     gray     Type of Carllicate     CLRus     Catel identification     Stranding     10 wires around Filler twisted       Banding     Fleece     Filler     yes     Yes     Stranding     10 wires around Filler twisted     Stranding     Stranding     Stranding     Stranding     Stranding     Stranding     Stranding     Stranding     Stranding <td>Device protection   Electrical</td> <td></td>	Device protection   Electrical	
Device protection   Media       Flame resistance     flame retardant       Material data   Material data     Material housing     Plastic       Material housing     Plastic     Material housing     Plastic       Mechanical data   Mounting method     Schraubgewinde     Schraubgewinde     Material housing     Plastic       Environmental characteristics   Climatic     Operating temperature min.     20 °C     Addisonal condition temperature max.     80 °C       Addisonal condition temperature max.     80 °C     Caddisonal condition temperature may.     80 °C       Addisonal condition temperature max.     80 °C     Caddisonal condition temperature may.     80 °C       Jacket Color     gray     Type of Carllicate     CLRus     Catel identification     380       Jacket Color     gray     Type of Carllicate     CLRus     Catel identification     Stranding     10 wires around Filler twisted       Banding     Fleece     Filler     yes     Yes     Stranding     10 wires around Filler twisted     Stranding     Stranding     Stranding     Stranding     Stranding     Stranding     Stranding     Stranding     Stranding <td>Degree of protection (EN IEC 60529)</td> <td>IP65_IP67</td>	Degree of protection (EN IEC 60529)	IP65_IP67
Flame resistance     flame retardant       Material data   Material data     Plastic       Material housing     Plastic       Mechanical data   Mounting data     Schraubgewinde       Environmental characteristics   Climatt     Comparing temperature main.     -20 °C       Operating temperature max.     80 °C     Additional condition temperature max.     80 °C       Additional condition temperature max.     80 °C     Additional condition temperature max.     80 °C       Additional condition temperature max.     80 °C     Additional condition temperature max.     80 °C       Cable identification     360     Jacket Color     gray     Type of Certificate     OURus       Amount stranding     1     Stranding     Str		
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Material housing     Plastc       Mechanical data   Mounting data       Mounting method     Schraubgewinde       Environmental characteristics   Climatic       Operating temperature min.     -20 °C       Operating temperature max.     80 °C       Additional condition temperature max.     80 °C       Additional condition temperature max.     80 °C       Cable identification     360       Jacket Color     gray       Type of Cartificate     cUBus       Amount stranding     1       Stranding     10 wires around Filler twisted       Banding     Fleece       Filler     yes       wire arrangement     brown, blue, brown-green, green-white, red-blue, gray-pink, gray, yellow, green, white       Cable weight     110 g/m       Material jacket     PUR       Shore hardmess jacket     92.2 mm       Tolerance outer (jacket)     9.2 mm       Tolerance outer (jacket)     9.2 mm       Tolerance outer (jameter (sheath))     ± 5 %       Material inner jacket     PVC       Color (rungr jacket)     9.2 mm       Tolerance out		flame retardant
Mechanical Ata   Mounting data       Mounting method     Schraubgewinde       Environmental characteristics   Climatic     Operating temperature min.     -20 °C       Operating temperature max.     80 °C     Additional condition temperature max.     80 °C       Additional condition temperature max.     80 °C     Conditional condition temperature max.     80 °C       Additional condition temperature may.     80 °C     Conditional condition temperature may.     80 °C       Additional condition temperature may.     80 °C     Conditional condition temperature may.     80 °C       Jacket Color     gray     Conditional conditentemperatonal conditional conditional conditional conditional co	Mechanical data   Material data	
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Environmental characteristics   Climatic       Operating temperature min.     -20 °C       Operating temperature max.     80 °C       Additional condition temperature mage     depending on cable quality       Installation   Cable     C       Cable identification     360       Jacket Color     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     10 wires around Filler twisted       Banding     Fleece       Filler     yes       wire arrangement     brown-green, green-white, red-blue, gray-pink, gray, yellow, green, white       Cable wighth     110 g/m       Material jacket     PUR       Shore hardness jacket     89 ± 5 Shore A       Freedom from ingredients (jacket)     9.2 mm       Tolerance out cadiameter (sheath)     ± 5 %       Material janer jacket     PVC       Color (inner jacket)     9.2 mm       Outer diameter (sheath)     ± 5 %       Material inner jacket     PVC       Color (inner jacket)     9.2 mm       Outer diameter insulation     1,3 mm	Mechanical data   Mounting data	
Environmental characteristics   Climatic       Operating temperature min.     -20 °C       Operating temperature max.     80 °C       Additional condition temperature mage     depending on cable quality       Installation   Cable     C       Cable identification     360       Jacket Color     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     10 wires around Filler twisted       Banding     Fleece       Filler     yes       wire arrangement     brown-green, green-white, red-blue, gray-pink, gray, yellow, green, white       Cable wighth     110 g/m       Material jacket     PUR       Shore hardness jacket     89 ± 5 Shore A       Freedom from ingredients (jacket)     9.2 mm       Tolerance out cadiameter (sheath)     ± 5 %       Material janer jacket     PVC       Color (inner jacket)     9.2 mm       Outer diameter (sheath)     ± 5 %       Material inner jacket     PVC       Color (inner jacket)     9.2 mm       Outer diameter insulation     1,3 mm	Mounting method	Schraubgewinde
Operating temperature min.   -20 °C     Operating temperature max.   80 °C     Additional condition temperature range   depending on cable quality     Installation   Cable   Cable depending on cable quality     Cable identification   360     Jacket Color   gray     Type of Certificate   cURus     Amount stranding   1     Stranding   10 wires around Filler twisted     Banding   Fileece     Filler   yes     wire arrangement   brown, blue, brown-green, green-white, red-blue, gray-pink, gray, yellow, green, white     Cable weigth   110 g/m     Material jacket   PUR     Shore hardness jacket   89 ± 5 Shore A     Freedom from ingredients (jackot)   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free     Outer-diameter (jacket)   9.2 mm     Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PVC     Color (inner jacket)   gray     Material wire insulation   1,3 mm     Outer diameter insulation   1,3 mm     Outer diameter insulation   55 ± Shore D     Ingredient freences wire		
Operating temperature max.     80 °C       Additional condition temperature range     depending on cable quality       Installation   Cable     Cable identification       Cable identification     360       Jacket Color     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     10 wires around Filler twisted       Banding     Fileece       Filler     yes       wire arrangement     brown, blue, brown-green, green-white, red-blue, gray-pink, gray, yellow, green, white       Cable weigth     110 g/m       Material jacket     PUR       Shore hardness jacket     89 ± 5 Shore A       Freedom from ingredients (jacket)     9.2 mm       Tolerance outer diameter (sheath)     ± 5 %       Material inner jacket     PVC       Color (inner jacket)     gray       Material wires     8       Outer diameter insulation     1,3 mm       Outer diameter insulation     5 5 ± Shore D       Ingredient ficences wire insulation     5 5 ± Shore D       Shore hardness wire insulation     5 5 ± Shore D       Toleran		
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Cable weigth110 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)9,2 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires8Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation55 ± Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-freeAmount strands (wire)19		
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Color (inner jacket)grayMaterial wire insulationPVCAmount wires8Outer diameter insulation1,3 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation55 ± Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-freeAmount strands (wire)19		
Material wire insulation   PVC     Amount wires   8     Outer diameter insulation   1,3 mm     Outer diameter tolerance core insulation   ± 5 %     Shore hardness wire insulation   55 ± Shore D     Ingredient freeness wire insulation   lead-free, cadmium-free, CFC-free     Amount strands (wire)   19		
Amount wires8Outer diameter insulation1,3 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation55 ± Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-freeAmount strands (wire)19		
Outer diameter insulation   1,3 mm     Outer diameter tolerance core insulation   ± 5 %     Shore hardness wire insulation   55 ± Shore D     Ingredient freeness wire insulation   lead-free, cadmium-free, CFC-free     Amount strands (wire)   19		
Outer diameter tolerance core insulation   ± 5 %     Shore hardness wire insulation   55 ± Shore D     Ingredient freeness wire insulation   lead-free, cadmium-free, CFC-free     Amount strands (wire)   19		
Shore hardness wire insulation 55 ± Shore D   Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free   Amount strands (wire) 19		·
Ingredient freeness wire insulation     lead-free, cadmium-free, CFC-free       Amount strands (wire)     19		
Amount strands (wire) 19		
	-	
Diameter of single WIRES 0,15 mm		
	Diameter of single wires	0,1011111

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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Conductor crosssection (wire)	0,34 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Traversing distance (C-track)	5 m @ 25 °C   horizontal
Travel speed (C-track)	2
Material wire insulation (Power)	TPE-E
Outer diameter wire insulation (Power)	1,8 mm
Tolerance outer diameter wire insulation (Power)	±5 %
Shore hardness wire insulation (Power)	55 Shore D
Ingredient freeness wire insulation (Power)	lead-free, cadmium-free, CFC-free, halogen-free
Amount strands wire (Power)	42
Diameter of single wires (Power)	0,15 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
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
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)	-40 °C
Max. operating temperature (fixed)	0° 08
Operating temperature min. (dynamic)	-5 ℃
Operating temperature max. (dynamic)	0° 08
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)	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	10
Family construction form	M8
Gender	female
Color contact carrier	black
Coding	A
No. of poles	4
PIN 1	+
PIN 2	S2
PIN 3	-

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