

## EXACT8, 8XM8, 3 POLE MOULDED CABLE

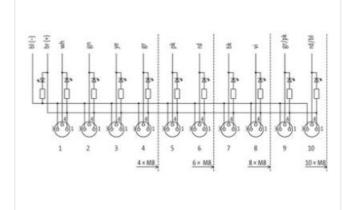
10.0m PUR 8x0,34+2x0,75 NPN-LED's

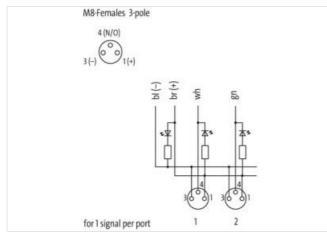
8-way, 3-pole for NPN signals 24 V DC Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

## Link to Product

Illustration



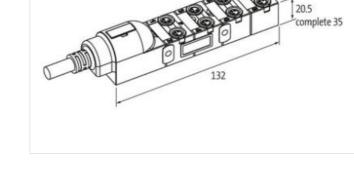




20.5 complete 35 132

Product may differ from Image





Commercial data		
ECLASS-6.0	27143423	
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         ECLASS-12.0       27440108         ETIM-5.0       EC002585         customs tariff number       85444290         GTIN       404879054690         Packaging unit       1         Electrical data   Supply       0         Operating voltage DC       24 V         Current operating per contact max.       2 A         Total current max.       8 A         Industrial communication       1         Number of signals per port       1         Installation   Connection       M8 x 1         Device protection   Electrical       Device protection   Electrical         Degree of protection   Media       Flame relardant         Material housing       Plastic         Material housing       Plastic         Mechanical data   Mounting data       Schraubgewinde         Ervicommental characteristics   Climatic       Corecting temperature min.         Operating temperature min.       -20 °C         Operating temperature min.       -20 °C	ECLASS-10.1 ECLASS-11.1 ECLASS-12.0 ETIM-5.0 customs tariff number GTIN	
ECLASS-11.1     27440108       ECLASS-12.0     27440108       ETIM-5.0     EC002585       customs tariff number     85444290       GTIN     4048879054690       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 [KeG 60529)     IP65, IP67       Device protection   Media        Flame resistance     flame retardant       Material housing     Plastic       Material housing     Plastic       Mounting method     Schraubgewinde       Environmental characteristics   Climatic        Operating temperature min.     -20 °C	ECLASS-11.1 ECLASS-12.0 ETIM-5.0 customs tariff number GTIN	
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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   1     Number of signals per port   1     Installation   Connection   1     Mounting set   M8 x 1     Device protection   Electrical   1     Device protection   Electrical   1     Device protection   Media   1     Flame resistance   flame retardant     Mechanical data   Material data   1     Material housing   Plastic     Mounting method   Schraubgewinde     Environmental characteristics   Climatic     Operating temperature min.   -20 °C		85444290
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Current operating per contact max.     2 A       Total current max.     8 A       Industrial communication     Industrial communication       Number of signals per port     1       Installation   Connection     Max 1       Device protection   Electrical     M8 x 1       Degree of protection (EN IEC 60529)     IP65, IP67       Device protection   Media     Immeretardant       Flame resistance     flame retardant       Mechanical data   Material data     Plastic       Mounting method     Schraubgewinde       Foromental characteristics   Climatic     Schraubgewinde       Operating temperature min.     -20 °C	Electrical data   Supply	
Current operating per contact max.     2 A       Total current max.     8 A       Industrial communication     Industrial communication       Number of signals per port     1       Installation   Connection     Max 1       Device protection   Electrical     M8 x 1       Degree of protection (EN IEC 60529)     IP65, IP67       Device protection   Media     Immeretardant       Flame resistance     flame retardant       Mechanical data   Material data     Plastic       Mounting method     Schraubgewinde       Foromental characteristics   Climatic     Schraubgewinde       Operating temperature min.     -20 °C	Operating voltage DC	24 V
Total current max.     8 A       Industrial communication     1       Number of signals per port     1       Installation   Connection     1       Mounting set     M8 x 1       Device protection   Electrical     2       Degree of protection   Kedia     1       Flame resistance     flame retardant       Mechanical data   Material data     1       Material housing     Plastic       Mounting method     Schraubgewinde       Environmental characteristics   Climatic     -20 °C		
Industrial communication     I       Number of signals per port     1       Installation   Connection     Installation   Connection       Mounting set     M8 x 1       Device protection   Electrical     I       Degree of protection (EN IEC 60529)     IP65, IP67       Device protection   Media     Image: Post of the standard function of the standard function of the standard of		
Number of signals per port       1         Installation   Connection       Image: Connection         Mounting set       M8 x 1         Device protection   Electrical       Image: Connection         Degree of protection (EN IEC 60529)       IP65, IP67         Device protection   Media       Image: Connection         Flame resistance       flame retardant         Mechanical data   Material data       Plastic         Material housing       Plastic         Mounting method       Schraubgewinde         Environmental characteristics   Climatic       -20 °C		
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     Material housing   Plastic     Material housing   Plastic     Mounting method   Schraubgewinde     Environmental characteristics   Climatic   -20 °C		1
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         Mounting method       Schraubgewinde         Environmental characteristics   Climatic          Operating temperature min.       -20 °C		•
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Device protection   Media       Flame resistance     flame retardant       Mechanical data   Material data     Plastic       Material housing     Plastic       Mechanical data   Mounting data     Schraubgewinde       Mounting method     Schraubgewinde       Environmental characteristics   Climatic     -20 °C		
Flame resistance     flame retardant       Mechanical data   Material data     Plastic       Material housing     Plastic       Mechanical data   Mounting data     Schraubgewinde       Mounting method     Schraubgewinde       Environmental characteristics   Climatic     -20 °C	Degree of protection (EN IEC 60529)	IP65, IP67
Mechanical data   Material data       Material housing     Plastic       Mechanical data   Mounting data     Schraubgewinde       Mounting method     Schraubgewinde       Environmental characteristics   Climatic     -20 °C	Device protection   Media	
Material housing   Plastic     Mechanical data   Mounting data   Schraubgewinde     Mounting method   Schraubgewinde     Environmental characteristics   Climatic   -20 °C	Flame resistance	flame retardant
Mechanical data   Mounting data       Mounting method     Schraubgewinde       Environmental characteristics   Climatic     -20 °C	Mechanical data   Material data	
Mounting method   Schraubgewinde     Environmental characteristics   Climatic   -20 °C	Material housing	Plastic
Environmental characteristics   Climatic     Operating temperature min.     -20 °C	Mechanical data   Mounting data	
Operating temperature min20 °C	Mounting method	Schraubgewinde
	Environmental characteristics   Climatic	
Operating temperature may 80 °C	Operating temperature min.	-20 °C
	Operating temperature max.	80 °C
Additional condition temperature range depending on cable quality	Additional condition temperature range	depending on cable quality
Installation   Cable	Installation   Cable	
Cable identification 359	Cable identification	359
Jacket Color gray		
Type of Certificate cURus		
Amount stranding 1		
Stranding 10 wires around Core filler twisted		10 wires around Core filler twisted
Banding Fleece	-	Fleece
Filler yes	Stranding	yes
wire arrangement brown, blue, violet, black, red, pink, gray, yellow, green, white	Stranding Banding	
Cable weigth 110 g/m	Stranding Banding Filler	brown, blue, violet, black, red, pink, gray, yellow, green, white
Material jacket PUR	Stranding Banding Filler wire arrangement	
Shore hardness jacket   89 ± 5 Shore A	Stranding Banding Filler wire arrangement Cable weigth	110 g/m
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, LABS-free	Stranding Banding Filler wire arrangement Cable weigth Material jacket	110 g/m PUR
Outer-diameter (jacket) 9,2 mm	Stranding Banding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket	110 g/m PUR 89 ± 5 Shore A
Tolerance outer diameter (sheath) ± 5 %	Stranding Banding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	110 g/m       PUR       89 ± 5 Shore A       lead-free, cadmium-free, CFC-free, halogen-free, LABS-free
Material wire insulation TPE-E	Stranding       Banding       Filler       wire arrangement       Cable weigth       Material jacket       Shore hardness jacket       Freedom from ingredients (jacket)       Outer-diameter (jacket)	110 g/m       PUR       89 ± 5 Shore A       lead-free, cadmium-free, CFC-free, halogen-free, LABS-free       9,2 mm
Amount wires 8	Stranding       Banding       Filler       wire arrangement       Cable weigth       Material jacket       Shore hardness jacket       Freedom from ingredients (jacket)       Outer-diameter (jacket)       Tolerance outer diameter (sheath)	110 g/m       PUR       89 ± 5 Shore A       lead-free, cadmium-free, CFC-free, halogen-free, LABS-free       9,2 mm       ± 5 %
Outer diameter insulation 1,3 mm	Stranding       Banding       Filler       wire arrangement       Cable weigth       Material jacket       Shore hardness jacket       Freedom from ingredients (jacket)       Outer-diameter (jacket)       Tolerance outer diameter (sheath)       Material wire insulation	110 g/m       PUR       89 ± 5 Shore A       lead-free, cadmium-free, CFC-free, halogen-free, LABS-free       9,2 mm       ± 5 %       TPE-E
Outer diameter tolerance core insulation ± 5 %	Stranding       Banding       Filler       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	110 g/m       PUR       89 ± 5 Shore A       lead-free, cadmium-free, CFC-free, halogen-free, LABS-free       9,2 mm       ± 5 %       TPE-E       8
Shore hardness wire insulation 55 ± 3 Shore D	Stranding       Banding       Filler       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	110 g/m       PUR       89 ± 5 Shore A       lead-free, cadmium-free, CFC-free, halogen-free, LABS-free       9,2 mm       ± 5 %       TPE-E       8       1,3 mm       ± 5 %
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free	Stranding       Banding       Filler       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       Shore hardness wire insulation	110 g/m       PUR       89 ± 5 Shore A       lead-free, cadmium-free, CFC-free, halogen-free, LABS-free       9,2 mm       ± 5 %       TPE-E       8       1,3 mm       ± 5 %       55 ± 3 Shore D
Amount strands (wire) 19	Stranding       Banding       Filler       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       Shore hardness wire insulation       Ingredient freeness wire insulation	110 g/m       PUR       89 ± 5 Shore A       lead-free, cadmium-free, CFC-free, halogen-free, LABS-free       9,2 mm       ± 5 %       TPE-E       8       1,3 mm       ± 5 %       55 ± 3 Shore D       lead-free, cadmium-free, CFC-free, halogen-free

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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 (Data)	TPE-E
Outer diameter wire insulation (Data)	1.8 mm
Tolerance outer diameter wire insulation (data)	·
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)	24
Diameter of single wires (Data)	0,2 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 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 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
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)	0°C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	70 °C
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
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Bending radius (installation)	x Outer diameter
Bending radius (fixed)	7,5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
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	3
PIN 1	+
PIN 3	-
PIN 4	S

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