

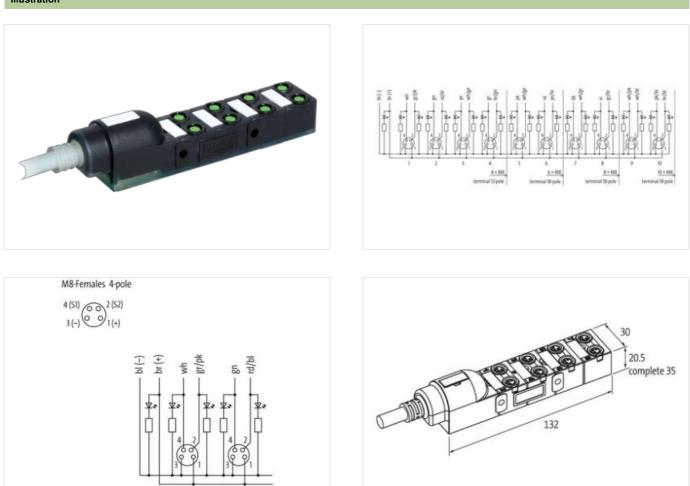
## EXACT8, 8XM8, 4 POLE MOULDED CABLE

15.0m PUR 16x0,34+2x0,75, UL/CSA

8-way, 4-pole 15.0 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

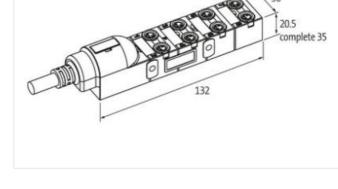
Illustration



Product may differ from Image

for 2 signals per port





Commercial data		
ECLASS-6.0	27143423	
ECLASS-6.1	27279219	
ECLASS-7.0	27279219	
ECLASS-8.0	27279219	
ECLASS-9.0	27440108	

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: 2024-05-19

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ECLASS-111       27440108         ECLASS-120       27440108         ECLASS-120       27440108         ETM 8.0       ECOC2885         catoms triff rumber       8544290         OTIN       404877054416         Packagn unt       1         Electrical data   Supply       Corrent operating voltage DC         Operating voltage DC       24 V         Current operating per constant max.       2 A         Industrial communication       2         Number of signals per port       2         Mounting at       M8 x 1         Device protection   Electrical       Degree of protection   Electrical         Degree of protection   Media       Hane retardant         Mechanical data   Material data       Max 1         Mechanical data   Material data       Max 1         Device protection   Media       Electrical data         Mechanical data   Material data       Maxies         Mechanical data   Material data       Maxies         Mechanical data   Material data       Maxies         Mechanical data   Material data       Biological data         Mechanical data   Material data       Maxies         Mechanical data   Maxies       80 °C         Additional condition temperature range	ECLASS-10.1	27440108
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Subtres tariff number         8444200           GTIN         4048273054416           Packaging unit         1           Electrical data   Supply            Operating voltage DC         24 V           Current operating per contact max.         8 A           Industrial communication         Number of algeals per port           Mounting cell         8 A           Industrial communication         Number of algeals per port           Device protection   Electrical         Box 1           Device protection   Electrical         Box 1           Device protection   Modit         Heat           Fame resistance         fame restance           Manual for busing         Plastic           Material housing         Plastic           Device protection   Modit         Schraubgewinde           Environmental characteristits   Climatic         Schraubgewinde           Device protection   Modit         Schraubgewinde           Environmental characteristits   Climatic         Schraubgewinde           Device protection   Modit         Schraubgewinde           Environmental characteristits   Climatic         Schraubgewinde           Device protection   Modit         Schraubgewinde           Enviconmental characteristits   Climatic         Sc		
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Installation Connection         M8 x 1           Device protection [Electrical         People of protection (EN EC 60529)         People of protection [Neural Content on Electrical Content Content on Electrical Content Content Content on Electrical Content Content Content on Electrical Content Content on Electrical Content on Electrical Con	Industrial communication	
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Device protection   Electrical           Degree of protection   Madia           Flame resistance         flame retardant           Mechanical data   Material data           Material housing         Plastic           Mechanical data   Moutting 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         CulRus, CSA           Amount stranding         1           Stranding         6 wires around Core filler twisted           Amount stranding         9 wire around Core filler twisted           Banding         Flace           Filler         yes           wire arrangement         ydaypink, ned-bue, green-white, brown-green, black, violet, (brown, blue, brown-greay, gray	Installation   Connection	
Device protection [Electrical]           Degree of protection [Media]           Flame resistance         flame retardant           Mechanical data [Material data           Material housing         Plastic           Mechanical data [Mounting data           Mechanical data [Mounting data           Mounting method         Schraubgewinde           Environmental characteristics [Climatic           Operating temperature min.         -20 °C           Operating temperature min.         -20 °C           Operating temperature min.         -20 °C           Operating temperature max.         80 °C           Additional condition temperature range         depending on cable quality           Installation [Cable]         Cable identification           Zable (dentification         396           Jacket Colon         gray           Type of Certificate         cuRus, CSA           Amount stranding         1           Stranding         6 wires around Core filler twisted           Amount stranding (type 2)         12 wires around Stranding combination twisted           Banding         Fleece           Filler         yes           wire arrangement         ygay pink, med-twe, pink, gray, yellow, green, while).           Cable weigith	Mounting set	M8 x 1
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Flame resistance         flame retardant           Mechanical data / Material data           Material housing         Plastic           Mechanical data / Mounting data         Schraubgewinde           Mounting method         Schraubgewinde           Environmental characteristics / Climatic         Climatic           Operating temperature min.         -20 °C           Operating temperature max.         80 °C           Additional condition temperature range         depending on cable quality           Installation / Cable         Second and and and and and and and and and a		IP65, IP67
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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         Additional condition temperature max.         80 °C           Additional condition temperature may.         80 °C         Comperating temperature may.         80 °C           Additional condition temperature may.         80 °C         Comperating temperature may.         80 °C           Additional condition temperature may.         80 °C         Comperating temperature may.         80 °C           Additional condition temperature may.         80 °C         Comperating temperature may.         80 °C           Additional condition temperature may.         depending on cable quality         Comperating temperature may.         Rot           Jacket Color         gray.         gray.         Comperating temperature may.         Rot         Comperating temperature may.         Soft automation temperature may.         Soft automation temperature may.         Comperating temperature may.         Soft automation temperature may.         Soft automation temperature may.         Soft automation temperature may.         Soft automation temperature may.         Sof	Mechanical data   Material data	
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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         396         Jacket Color         gray           Type of Certificate         cuFus, CSA         CuFus, CSA         Amount stranding         1           Stranding         6 wires around Core filler twisted         Amount stranding (type 2)         1         Stranding combination twisted           Banding         Fleece         Flerce         gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-g	-	
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Additional condition temperature range       depending on cable quality         Installation   Cable         Cable identification       396         Jacket Color       gray         Type of Certificate       cURus, CSA         Amount stranding       1         Stranding       6 wires around Core filler twisted         Amount stranding (type 2)       1         Stranding (type 2)       12 wires around Stranding combination twisted         Banding       Fleece         Filler       yes         wire arrangement       gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown- yellow, yellow-white, red, pink, gray, yellow, green, white)         Cable weigth       143 g/m         Material jacket       PUR         Shore hardness jacket       89 ± 5 Shore A         Freedom from ingredients (jacket)       lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free         Outer-diameter (jacket)       10,4 mm         Tolerance outer diameter (sheath)       ± 5 %         Material wire insulation       TPE-E         Amount wires       16         Outer diameter tolerance core insulation       1,5 mm         Outer diameter tolerance core insulation       1,5 mm         Outer diameter toleran	· · · ·	
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wire arrangementgray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown- yellow, yellow-white, red, pink, gray, yellow, green, white)Cable weigth143 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)10,4 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPE-EAmount wires16Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation55 ± 5 Shore D	Banding	Fleece
wite an algementyellow, yellow, white, red, pink, gray, yellow, green, white)Cable weigth143 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)10,4 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPE-EAmount wires16Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation55 ± 5 Shore D	Filler	•
Material jacketPURShore hardness jacket89 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)10,4 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPE-EAmount wires16Outer diameter insulation1,5 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation55 ± 5 Shore D	wire arrangement	
Shore hardness jacket       89 ± 5 Shore A         Freedom from ingredients (jacket)       lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free         Outer-diameter (jacket)       10,4 mm         Tolerance outer diameter (sheath)       ± 5 %         Material wire insulation       TPE-E         Amount wires       16         Outer diameter insulation       1,5 mm         Outer diameter tolerance core insulation       ± 5 %         Shore hardness wire insulation       55 ± 5 Shore D	Cable weigth	143 g/m
Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)10,4 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPE-EAmount wires16Outer diameter insulation1,5 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation55 ± 5 Shore D	Material jacket	PUR
Outer-diameter (jacket)10,4 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPE-EAmount wires16Outer diameter insulation1,5 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation55 ± 5 Shore D	Shore hardness jacket	89 ± 5 Shore A
Tolerance outer diameter (sheath)       ± 5 %         Material wire insulation       TPE-E         Amount wires       16         Outer diameter insulation       1,5 mm         Outer diameter tolerance core insulation       ± 5 %         Shore hardness wire insulation       55 ± 5 Shore D		lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free
Material wire insulation     TPE-E       Amount wires     16       Outer diameter insulation     1,5 mm       Outer diameter tolerance core insulation     ± 5 %       Shore hardness wire insulation     55 ± 5 Shore D		
Amount wires     16       Outer diameter insulation     1,5 mm       Outer diameter tolerance core insulation     ± 5 %       Shore hardness wire insulation     55 ± 5 Shore D	Tolerance outer diameter (sheath)	
Outer diameter insulation1,5 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation55 ± 5 Shore D	Material wire insulation	TPE-E
Outer diameter tolerance core insulation     ± 5 %       Shore hardness wire insulation     55 ± 5 Shore D		
Shore hardness wire insulation     55 ± 5 Shore D		
	Outer diameter tolerance core insulation	
	Shore hardness wire insulation	
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free	Ingredient freeness wire insulation	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: 2024-05-19

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Traversing distance (C-track)	5 m @ 25 °C   horizontal
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
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 ± 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
	4 A
Current load capacity min. wire	
Current load capacity min. Wire (Data)	12 A
	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)	20° 08
Operating temperature min. (dynamic)	-5 °C
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	10
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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