

## EXACT8, 4XM8, 4 POLE MOULDED CABLE

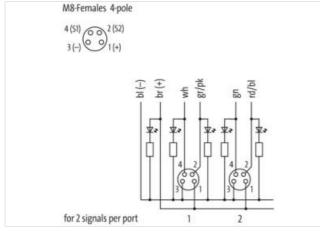
5.0m PUR/PVC 8x0,34+2x0,75

4-way, 4-pole PUR/PVC Further cable lengths on request. 5.0 m 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



2746/08         2746/08           ECLASS 10.1         2746/08           ECLASS 12         2746/08           ETMA 5.0         ECO2835           Construction INFORM         8544280           OTIN         404887062827           Packaging unit         1           Ecotical distance         544430           OTIN         404887062827           Packaging unit         1           Ecotical distance         544430           Orum Egunding procemation account acc	ECLASS-9.0	27440108
ECLASS 11.1         2740108           ECLASS 12.0         2740108           Callor Mark         40487005627           Packaging unit         1           Electrical data [Supply         Corrent operating per contet max.           Callo corrent max.         8.A           Industrial communication         X           Number of signals per port         2           Industrial Communication         Barter mark           Mouning set         M8 x 1           Davice protection   Bedrical         Davice protection   Bedrical           Degrado of prodection (I Net Googas)         Pels (PG           Device protection   Media         Eme retardant           Machand Industrial Mousing math         Schraubgewinde           Environmental characteristics   Climatic         Pelsic           Device protection   Media         Schraubgewinde           Environmental characteristics   Climatic         Pelsic           Device protecting tomporature min.         20 °C		
ECLASS-120     2440108       ETM-5.0     ECO2585       CTM     49887055267       Packaging unit     1       Electrical data [Supply     Electrical data [Supply       Corrent operating procentus max.     2 A       Total communication     8 A       Industrial communication     8 A       Number of signing properts     2       Packaging unit     8 A       Industrial communication     8 A       Number of signing propert     2       Packaging unit     8 A       Enderstrial Mark     Max 1       Device protection [Electricat     Enderstrial Mark       Partice resistation     Base refurctant       Macrial Notaring propert     Partice       Material Notaring Mark     Borto       Material Notaring Mark     Schraubgewinde       Environmental characteristics [Climatic Operation mark     80 °C       Additional condition temperature mark     80 °C       Additional condition temperature mark     80 °C       Additional Condition     528       Calde Type     2       Jackel Color     948       Partice Standing     11       Partice Standing     11       Schraubgewinde     Environmental characteristics [Climatic Operation mark       Standing Condition <td< td=""><td></td><td></td></td<>		
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Total currer max.         8 A           Industrial communication         Industrial communication           Number of signals per port         2           Installation   Concetion         Max 1           Device protection   Electical         Base 1           Device protection   Electical         Base 1           Device protection   Media         Fiber resistance           Ename resistance         fiame retardant           Mechanical data   Material data         Material housing           Mouring metho         Schraubgewinde           Environmental characteristics   Climatic         Concertion   Media           Device protection   Media         Schraubgewinde           Environmental characteristics   Climatic         Concertion   Media           Device protection   Media         Schraubgewinde           Environmental characteristics   Climatic         Concertion   Media           Device protection   Media         Schraubgewinde           Environmental characteristics   Climatic         Schraubgewinde           Environmental characteristics   Climatic         Sol °C           Additional condition temperature may.         80 °C           Additional condition temperature may.         80 °C           Stable dominication         358           Stable dominication		
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Number of signals per port         2           Installation   Connection         Mouting set         Mox 1           Device protection   Electrical         Device protection (EN IEC 60529)         IP65, IP67           Device protection (EN IEC 60529)         IP65, IP67         Device protection   Media           Machina I Material data         Machina I Material data         Machina I Material data           Machina I Material Mouting data         Plasic         Machina I Material Mouting data           Mounting method         Schraubgewinde         Machina I Material Mounting data           Portaling temperature min.         - 20 °C         Operating temperature max.           Operating temperature max.         80 °C         Additional condition temperature max.           Additional condition temperature max.         80 °C         Additional Condition temperature max.           Store Machine I Contexture max.         80 °C         Contexture IIII.           Additional condition temperature max.         80 °C         Contexture IIIII.           Store Machine I Contexture max.         80 °C         Contexture IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII		8 A
Installation Connection         M8 x 1           Device protection I Electrical         IP65, IP67           Device protection [Media         IP68, IP67           Device protection [Media         Ilame relardant           Material fousing         Ilame relardant           Mechanical data [Material data         Mechanical data [Material data           Mechanical data [Material data         Schraubgewinde           Environmental characteristics [Climatic         Operating temperature man.           Operating temperature man.         20 °C           Operating temperature man.         80 °C           Additional condition temperature range         depending on cable quality           Installation Cable         Signal, Power           Cable dentification         358           Cable dentification         358           Cable dentification <td>Industrial communication</td> <td></td>	Industrial communication	
Mounting set         M8 x 1           Device protection [Electrical           Degree of protection (IN EG 60529)         IP65, IP67           Device protection [Media         Image restance         Image restance           Barne resistance         Image restance         Image restance           Machanical data [Material data         Image restance         Image restance           Mechanical data [Material data         Image restance         Image restance           Mounting method         Schraubgewinde         Image restance           Environmental characteristics [Climatic         Operating temperature max.         80 °C           Operating temperature max.         80 °C         Image restance         Image restance           Stoldional condition temperature max.         80 °C         Image restance         Image restance           Stoldional condition temperature max.         80 °C         Image restance         Image restance           Stoldional condition temperature max.         80 °C         Image restance         Image restance           Stoldional condition temperature max.         80 °C         Image restance         Image restance           Colde stoldion         358         Image restance         Image restance         Image restance           Stranding         1         Image restanco	Number of signals per port	2
Device protection [ Electrical           Degree of protection [Netlia           Perce protection [ Media           Frame resistance         frame retardant           Mechanical data [ Material data           Material housing         Palsite           Mechanical data [ Mounting data           Mounting method         Schraubgewinde           Environmental characteristics [ Climatic           Operating temperature min.         -20 °C           Operating temperature min.         -20 °C           Operating temperature max.         80 °C           Additional condition temperature may.         depending on cable quality           Installation I Cable         Stass           STOOW style jacket         Hybrid, Signal, Power           Cable formification         358           Cable Type         2           Jacket Color         gray           Type of Certificate         cURus           Anount stranding         1           Filler         yes           wire arrangement         brown, blue, brown-green, green-white, red-blue, gray-pink, gray, yellow, green, white           Gabe weight         116.6 g/m           Material jacket         87 ± 6 Shore           Freedom from ingredients (jacket)         kead-rise, cadmium-free	Installation   Connection	
Device protection [ Electrical         IP65, IP67           Device protection [ Media         fame retardant           Rechanical data [ Material data         fame retardant           Mechanical data [ Material data         Fame retardant           Mechanical data [ Mounting data         Plastic           Mounting method         Schraubgewinde           Environmential characteristics [ Climatic         Operating temperature min.           -20 °C         Operating temperature max.           Operating temperature max.         80 °C           Additional condition temperature may.         depending on cable quality           Installation [ Cable         Strawbgewinde           STOOW style jacket         Hybrid, Signal, Power           Cable Identification         358           Cable Type         2           Jacket Color         gray           Type of Certificatio         URus           Amount stranding         1           Filler         yes           wire arrangement         Dowin, Sorand Care filler twisted           Filler         yes           Wire arrangement         Foredon, Immedia           Daver dameter (gaket)         87 ± 6 Shore           Freedom Immingedients (gacket)         Read-ree, cadmium-free, CFC-free, silicon	Mounting set	M8 x 1
Degree of protection (EN IEC 60529)         IP65, IP67           Device protection   Media           Finme resistance         fiame retardant           Mechanical data   Material data           Mechanical data   Material data           Mechanical data   Material data           Mechanical data   Mounting data           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 max.         80 °C           Additional condition temperature ranze         depending on cable quality           Installation   Cable         Hybrid, Signal, Power           Cable (dentification         358           Cable (dentification         358           Cable (dentification         1           Stranding         1         Weiss around Core filler twisted           Filler         yes         Yes         Stranding           10 wrise around Core filler twisted         Yes         Stranding         10 wrise around Core filler twisted           Filler         yes         Stranding         10 wrise around Core filler	-	
Device protection   Media           Flame resistance         flame relatdant           Mechanical data   Material data         mechanical data   Mounting data           Mechanical data   Mounting data         Plastic           Mechanical data   Mounting data         Schraubgewinde           Environmental characteristics   Climatic         Coperating temperature min.           Operating temperature max.         80 °C           Additional condition temperature max.         80 °C           Cable distribution (Cable         Storage           STOOW slyle jacket         Hybrid, Signal, Power           Cable Identification         358           Cable Identification         358           Cable Identification         9 cay           Type of Certificate         CUBus           Amount stranding         1           Stranding         10 wires around Core filler twisted           Filler         yes           wire arrangement         brown, blue, brown- green, green white, red blue, gray-pink, gray, yellow, green, white		
Flame resistance         flame retardant           Mechanical data   Material data         Plastic           Mechanical data   Mouting data         Schraubgewinde           Mechanical data   Mouting data         Schraubgewinde           Environmental characteristics   Climatic         20 °C           Operating temperature min.         20 °C           Operating temperature max.         80 °C           Additional condition temperature may.         80 °C           Additional condition temperature range         depending on cable quality           Installator   Cable         Verial, Signal, Power           Cable identification         358           Cable identification         358           Cable identification         0 wires around Core filter twisted           Filter         yes           wire arrangement         10 wires around Core filter twisted           Filter         yes           Weire arrangement         10 seg (m           Addersig jacket         PUR           Shore hardmet (gacket)         8.6 mm           Tolerance outer diameter (gacket)         8.6 mm           Tolerance outer diameter (sheath)         ± 5 %           Material ineri jacket         PVC           Color (runer jacket)         8.6 mm		1265, 1267
Mechanical data   Meterial data           Material housing         Plastic           Mechanical data   Mounting data         Schraubgewinde           Mounting method         Schraubgewinde           Environmental characteristics   Climatic         Commental characteristics   Climatic           Operating temperature min.         -20 °C           Operating temperature max.         80 °C           Additional condition temperature range         depending on cable quality           Installation   Cable         Store National Na	Device protection   Media	
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Mechanical dia   Mounting data           Mounting method         Schraubgewinde           Environmental characteristics   Climatic	Mechanical data   Material data	
Mounting method         Schraubgewinde           Environmental characteristics   Climatic         20 °C           Operating temperature min.         20 °C           Operating temperature max.         80 °C           Additional condition temperature range         depending on cable quality           Instalation   Cable            STOOW style jacket         Hybrid, Signal, Power           Cable forp         2           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         10 wires around Core filler twisted           Filler         yes           wire arrangement         brown, blue, brown-green, green-white, red-blue, gray-pink, gray, yellow, green, white           Cable weigth         116.6 g/m           Material jacket         PUR           Shore hardness jacket         87 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         8.6 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         gray           Material inner jacket         PVC           Color (inner jacket)         gray	Material housing	Plastic
Mounting method         Schraubgewinde           Environmental characteristics   Climatic         20 °C           Operating temperature min.         20 °C           Operating temperature max.         80 °C           Additional condition temperature range         depending on cable quality           Instalation   Cable            STOOW style jacket         Hybrid, Signal, Power           Cable forp         2           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         10 wires around Core filler twisted           Filler         yes           wire arrangement         brown, blue, brown-green, green-white, red-blue, gray-pink, gray, yellow, green, white           Cable weigth         116.6 g/m           Material jacket         PUR           Shore hardness jacket         87 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         8.6 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         gray           Material inner jacket         PVC           Color (inner jacket)         gray	Mechanical data   Mounting data	
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Additional condition temperature range       depending on cable quality         Installation   Cable         STOOW style jacket       Hybrid, Signal, Power         Cable identification       358         Cable Type       2         Jacket Color       gray         Type of Certificate       cURus         Amount stranding       1         Stranding       10 wires around Core filler twisted         Filler       yes         wire arrangement       brown, blue, brown-green, green-white, red-blue, gray-pink, gray, yellow, green, white         Cable weigth       116,6 g/m         Material jacket       PUR         Shore hardness jacket       87 ± 5 Shore A         Freedom from ingredients (jacket)       lead-free, cadmium-free, CFC-free, silicone-free         Outer diameter (jacket)       8,6 mm         Tolerance outer diameter (jacket)       9,6 mm         Tolerance outer diameter (jacket)       9,7 ± 5 %         Material inner jacket       PVC         Color (inner jacket)       9 gray         Material inner jacket       PVC         Color (inner jacket)       9 gray         Material inner insulation       PVC         Color (inner jacket)       9 Grav         Material invire ins		
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Type of CertificatecURusAmount stranding1Stranding10 wires around Core filler twistedFilleryeswire arrangementbrown, blue, brown-green, green-white, red-blue, gray-pink, gray, yellow, green, whiteCable weigth116,6 g/mMaterial jacketPURShore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)8,6 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires8Outer diameter insulation1,3 mm	Cable Type	2
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Outer-diameter (jacket)8,6 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires8Outer diameter insulation1,3 mm	Shore hardness jacket	87 ± 5 Shore A
Tolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires8Outer diameter insulation1,3 mm		
Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires8Outer diameter insulation1,3 mm		lead-free, cadmium-free, CFC-free, silicone-free
Color (inner jacket)     gray       Material wire insulation     PVC       Amount wires     8       Outer diameter insulation     1,3 mm	Outer-diameter (jacket)	8,6 mm
Material wire insulation     PVC       Amount wires     8       Outer diameter insulation     1,3 mm	Outer-diameter (jacket) Tolerance outer diameter (sheath)	8,6 mm ± 5 %
Amount wires     8       Outer diameter insulation     1,3 mm	Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket	8,6 mm ± 5 %
Outer diameter insulation 1,3 mm	Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket)	8,6 mm ± 5 % PVC gray
	Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket) Material wire insulation	8,6 mm ± 5 % PVC gray PVC
Outer diameter tolerance core insulation     ± 5 %	Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket) Material wire insulation Amount wires	8,6 mm         ± 5 %         PVC         gray         PVC         8
	Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material inner jacket         Color (inner jacket)         Material wire insulation         Amount wires         Outer diameter insulation	8,6 mm         ± 5 %         PVC         gray         PVC         8         1,3 mm

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Shore hardness wire insulation	43 ± 5 Shore D		
Material properties wire insulation	good machinability		
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free		
Amount strands (wire)	19		
Diameter of single wires	0.15 mm		
Conductor crosssection (wire)	0,34 mm <sup>2</sup>		
. ,			
Material conductor wire	Stranded copper wire, bare Strand class 5		
Conductor type (wire)			
Traversing distance (C-track)	5 m @ 25 °C   horizontal		
Travel speed (C-track)	2		
Material wire insulation (Power)	PVC		
Outer diameter wire insulation (Power)	1,8 mm		
Tolerance outer diameter wire insulation (Power)	±5 %		
Shore hardness wire insulation (Power)	43±5 Shore D		
Material properties wire insulation (Power)	good machinability		
Ingredient freeness wire insulation (Power)	lead-free, cadmium-free, CFC-free, silicone-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 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		
Loop resistance	7,8 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)	-30 °C		
Max. operating temperature (fixed)	70 °C		
Operating temperature min. (dynamic)	-5 °C		
Operating temperature max. (dynamic)	70 °C		
Flame resistance	IEC 60332-2-2   UL 1581 § 1100 FT2   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 (dynamic)	12 x Outer diameter		
Travel speed (C-track)	1,5 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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