

## EXACT8, 8XM8, 3 POLE LTG.FEST

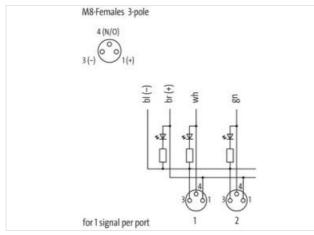
3.0m PUR/PVC 8x0,34+2x0,75

8-way, 3-pole PUR/PVC Further cable lengths on request. 3.0 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





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Product may differ from Image



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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 centact max.     2 A       Total current max.     8 A       Industrial communication     Insultant a communication       Number of signals per port     1       Insultant a communication     Maximum       Mounting aul     M8 x 1       Device protection I Electrical     Degree of protection I Media       Parter resistance     ft am retardant       Mechanical data   Material data     Material housing       Material housing     Plastic       Mechanical data   Mounting data     Evrorometal characteristics   Climatic       Environmetal characteristics   Climatic     Evrorometal characteristics   Climatic       Operating temperature min.     20 °C       Operating temperature min.     20 °C       Operating temperature min.     20 °C       Cabilion al condition temperature may     degending on cabie quality       Instational characteristics   Climatic     Evrorometal characteristics   Climatic       STOCW tayle jacket     Hybrid. Signal, Power       Cabie dentification     357       Cabie Color     grav       Type of Colificatio     Culture       Armount stranding     1		24 \/
Total current max.     8 A       Industrial communication       Number of signals per port     1       Industrial concention     Industrial concention       Mounting set     M8 x 1       Device protection   Electrical     Egree of protection (EN IEC 60529)       Device protection   Media     IP65, IP67       Device protection   Media     Environmental Activation (EN IEC 60529)       Material housing     Plastic       Material housing     Plastic       Material data   Material data     Material housing data       Mechanical data   Material data     Environmental characletistics   Climatic       Operating temporature min.     -20 °C       Operating temporature max.     80 °C       Additional condition temperature range     depending on cable quality       Industriation     357       Cable identification     979       Type of Certificate     UR was cond Core filter twisked       Filter     yes       <		
Industrial communication     I       Number of signals per port     1       Installation I Connection     Mounting set     Mo % 1       Device protection I Electrical     IPE6, IPE7       Device protection I Media     IPE6, IPE7       Device protection I Media     IPE6, IPE7       Device protection I Media     IPE6, IPE7       Mechanical data I Mounting data     IPE6       Mechanical data I Mounting data     Plastic       Mounting method     Schraubgewinde       Environmental characteristics I Climation     20 °C       Operating Imerparture main.     -20 °C       Operating Imerparture max.     60 °C       Additorial condition Imerparture max.     60 °C       Additorial condition Imerparture max.     60 °C       Cable Stapic     Hybrid, Signal, Power       Cable Stapic     STO       Starding     10 wires around Core Iller Iwisted       Filler     yas       Ware around Standard     19 wires around Core Iller Iwisted       Filler     yas       Ware around Standard     19 wires around Core Iller Iwisted       Filler     yas		
Number of signals per port     1       Installation   Connection     Max 1       Bevice protection   Electrical     Device protection ( EN LEC 60529)     IP65, IP67       Device protection   Media     Filles reading and the selectrical in the selectrical in the selectrical in the selectrical in the selectrical interval selectrical selectrical interval selectrical selectrical interval selectrical interval selectrical interval selectrical selectrinterval selectrical selectrical selectrical selectrica		
Installation   Connection       Mounting set     M8 x 1       Device protection   Electrical     IPe6s, IP67       Device protection   Media     IPes, IP67       Device protection   Media     Immon retardant       Immon resistance     flame retardant       Methal housing     Plastic       Methal housing     Plastic       Methal housing     Plastic       Mounting metho     Schraubgewinde       Environmental characteristics   Climatic     Operating temperature min.       -20 °C     Operating temperature max.       Addional condition temperature range     depending on cable quality       Installation   Cable     Straubgewinde       Stroke yie jacket     Hybrid, Signal. Power       Cable dentification     357       Cable forpic     2       Jacket Color     gray       Type of Cortificate     cURus       Anount strating     1       Stranding     10 wires around Core filler twisted       Filler     yes       wire arangement     bown. blue, violet, black, red, pink, gray, yellow, green, white       Cable weight     115.5 grim<		
Mounting set     M8 x 1       Device protection [Electrical        Degree of protection [Kelic 66529)     IF65, IF67       Device protection [Kelic 66529)     IF65, IF67       Device protection [Kelic 66529)     Ifens, IF65, IF67       Machanical data [Material data     Ifens, IF65, IF67       Machanical data [Mounting data     Valuanting method       Mounting method     Schraubgewinde       Environmental characteristics [Climatic     Operating temperature max.       Operating temperature max.     80 °C       Additional condition temperature max.     80 °C       Additional condition temperature max.     80 °C       Cable informition temperature max.     80 °C       Cable i		1
Device protection   Electrical       Degree of protection (EN IEC 60529)     IP65, IP67       Device protection   Media     Flame relardant       Hame resistance     flame relardant       Mechanical data   Material data     Plastic       Material housing     Plastic       Methanical data   Mounting data     Plastic       Mounting method     Schraubgewinde       Environmential characteristics   Climatic     Operating temperature min.       Operating temperature min.     -20 °C       Operating temperature max     80 °C       Additional condition temperature range     depending on cable quality       Installation   Cable     Stratubgewinde       STOOW style jacket     Hybrid, Signal, Power       Cable identification     357       Cable Identification     357       Cable Identification     357       Cable Identification     11       Stranding     1       Stranding     1       Stranding     1       Wire arrangement     brown, tuber, wirelet, disket, red, pink, gray, yellow, green, while       Cable weight     115.5 g/m       Material ja	Installation   Connection	
Degree of protection (EN IEC 6529)     IP65, IP67       Device protection   Media     Ifame retardant       Flam resistance     ffame retardant       Mechanical data   Material data     Plastic       Mechanical 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 max.     80 °C     Operating temperature max.     80 °C       Additional condition temperature max.     80 °C     Operating temperature max.     80 °C       Additional condition temperature max.     80 °C     Operating temperature max.     80 °C       Additional condition temperature max.     80 °C     Operating temperature max.     80 °C       Additional condition temperature max.     80 °C     Operating temperature max.     80 °C       Additional condition temperature max.     80 °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 cond	Mounting set	M8 x 1
Device protection   Media       Flame resistance     flame retardant       Plactical data   Material data     Material housing     Plastic       Mechanical data   Mounting datto     Schraubgewinde     Material housing       Mounting method     Schraubgewinde     Schraubgewinde       Environmental characteristics   Climatic     Comperating temperature main.     -20 °C       Operating temperature max.     80 °C     Additional condition temperature may.     80 °C       Additional condition temperature range     depending on cable quality     Image: Schraubgewinde     Image: Schraubgewinde       StoOW style jacket     Hybrid. Signal, Power     Cable dentification     357       Cable Type     2     Cable Type     Cable Type     Cable Type       Jacket Color     gray     Type of Certificate     cURus       Amount stranding     1     Stranding     10 wires around Core filler twisted       Filler     yes     yes     Yes of Chrea, silicone-free       Material jacket     PUR     Shore A     Shore A       Freedom from ingredents (jacket)     Isad-free, cadmium-free, CFC-free, silicone-free     Color	Device protection   Electrical	
Device protection   Media       Flame resistance     flame retardant       Plactical data   Material data     Material housing     Plastic       Mechanical data   Mounting datto     Schraubgewinde     Material housing       Mounting method     Schraubgewinde     Schraubgewinde       Environmental characteristics   Climatic     Comperating temperature main.     -20 °C       Operating temperature max.     80 °C     Additional condition temperature may.     80 °C       Additional condition temperature range     depending on cable quality     Image: Schraubgewinde     Image: Schraubgewinde       StoOW style jacket     Hybrid. Signal, Power     Cable dentification     357       Cable Type     2     Cable Type     Cable Type     Cable Type       Jacket Color     gray     Type of Certificate     cURus       Amount stranding     1     Stranding     10 wires around Core filler twisted       Filler     yes     yes     Yes of Chrea, silicone-free       Material jacket     PUR     Shore A     Shore A       Freedom from ingredents (jacket)     Isad-free, cadmium-free, CFC-free, silicone-free     Color	Degree of protection (EN IEC 60529)	IP65, IP67
Flame resistance     Itame retardant       Mechanical data   Material data       Material housing     Plastic       Mechanical data   Mounting data     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     Stroubgewinde       STOOW style jacket     Hybrid. Signal, Power       Cable (dentification     357       Stranding     1     0 wires around Core filler twisted       Filler     yes		
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Material housing     Plastic       Mechanical data [Mounting data     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     V       STOOW style jacket     Hybrid, Signal, Power       Cable identification     357       Cable identification     357       Cable of Corp     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     10 wires around Core tiller twisted       Filler     yes       wire arrangement     brown, blue, violet, black, red, pink, gray, yellow, green, white       Cable right     115.5 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)     5 %       Material inner jacket		nameretaruant
Mechanical data   Mounting 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     Installation   Cable     Installation   Cable     Installation   Cable       STOOW style jacket     Hybrid, Signal, Power     Cable identification     357       Cable identification     357     Cable identification     Jacket Color       Type of Certificate     cURus     Amount stranding     1       Stranding     10 wires around Core filler twisted     Filler       wire arrangement     brown, blue, violet, black, red, pink, gray, yellow, green, white     Cable weigh       Cabler form ingredients (jacket)     PUR     Shore Aaffrees jacket     PUR       Shore hadriness jacket     B7 ± 5 % Material jacket     PVC     Color (inner jacket)     gray       Color (inner jacket)     97 ± 5 %     Material inner jacket     PVC     Color (inner jacket)     gray	·	
Mounting method     Schraubgewinde       Environmental characteristics   Climatic     C       Operating temperature min.     -20 °C       Operating temperature max.     80 °C       Additional condition temperature range     depending on cable quality       Installation   Cable        STOOW style jacket     Hybrid, Signal, Power       Cable identification     357       Cable Identification     1       Stranding     1       Stranding     1       Stranding     1       Stranding     10 wires around Core filler twisted       Filler     yes       wire arrangement     brown, blue, violet, black, red, pink, gray, yellow, green, white       Cable weight     115,5 g/m       Material jacket     PUR       Shore hardness jacket     87 ± 5 Shore A       Freedom from ingredients (j	-	Plastic
Environmental characteristics   ClimaticOperating temperature min20 °COperating temperature max.80 °CAdditional condition temperature may.depending on cable qualityInstallation   CableSTOOW style jacketHybrid. Signal. PowerCable identification357Cable Type2Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding10 wires around Core filler twistedFilleryeswire arrangementbrown, blue, violet, black, red, pink, gray, yellow, green, whiteCable weigth115,5 g/mMaterial jacketPURShore Aarterie (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter diameter (gacket)8.6 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial ininer jacketPVCColor (inner jacket)grayMaterial inine isulationPVCAmount wires8Outer diameter tolerance core insulation1.3 mmOuter diameter tolerance core insulation1.3 mmOuter diameter tolerance core insulation± 5 %	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   357     Cable identification   357     Cable IType   2     Jacket Color   gray     Type of Certificate   cURus     Amount stranding   1     Stranding   10 wires around Core filler twisted     Filler   yes     wire arrangement   brown, blue, violet, black, red, pink, gray, yellow, green, white     Cable weigth   115,5 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   PVC     Color (inner jacket)   gray     Material wire insulation   PVC     Amount wires   8     Outer diameter insulation   1,3 mm     Outer diameter tolerance core insulation   1,3 mm	Operating temperature min.	-20 °C
Installation   CableSTOOW style jacketHybrid, Signal, PowerCable identification357Cable identification357Cable Type2Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding10 wires around Core filler twistedFilleryeswire arrangementbrown, blue, violet, black, red, pink, gray, yellow, green, whiteCable weigth115,5 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 inner insulationPVCAmount wires8Outer diameter tolerance core insulation± 5 %	Operating temperature max.	80 °C
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Material 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 mmOuter diameter tolerance core insulation± 5 %	wire arrangement	brown, blue, violet, black, red, pink, gray, yellow, green, white
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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 mmOuter diameter tolerance core insulation± 5 %	Shore hardness jacket	87 ± 5 Shore A
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Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires8Outer diameter insulation1,3 mmOuter diameter tolerance core insulation± 5 %	Outer-diameter (jacket)	8,6 mm
Color (inner jacket) gray   Material wire insulation PVC   Amount wires 8   Outer diameter insulation 1,3 mm   Outer diameter tolerance core insulation ± 5 %		
Material wire insulation PVC   Amount wires 8   Outer diameter insulation 1,3 mm   Outer diameter tolerance core insulation ± 5 %		PVC
Amount wires8Outer diameter insulation1,3 mmOuter diameter tolerance core insulation± 5 %		
Outer diameter insulation 1,3 mm   Outer diameter tolerance core insulation ± 5 %		
Outer diameter tolerance core insulation ±5%		
Shore hardness wire insulation 43 ± 5 Shore D		
	Shore hardness wire insulation	43 ± 5 Shore D

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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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
Conductor type (wire)	Strand class 5
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)	24
Diameter of single wires (Power)	0,2 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
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)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	2 Mio. @ 25 °C

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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