

## EXACT8, 6XM8, 3 POLE PRE-WIRED CABLE

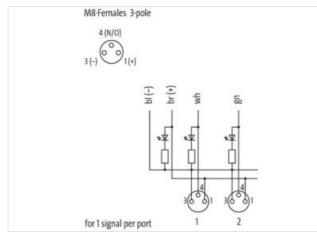
5.0m PUR/PVC 6\*0,34+2\*0,75

6-way, 3-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





20.5 complete 35 109

Product may differ from Image



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

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EQLASS 10.1     27440108       EQLASS 12.0     27440108       EQLASS 12.0     27440108       ETIMS 0     ECOUSSS       Cations tard murcher     BS44280       GTIN     404893005284       Peckargu unit     1       Electical data   Supply        Control desting per control max     2.4       Tail communication     2.4       Industrial communication     2.4       Nucher of signing per port     1       Industrial communication     M8 x 1       Device protection   Electrical     Device protection   Electrical       Device protection   Electrical     Rare relatent       Machanal data   Marerial data     Hesci       Mach	ECLASS-9.0	27440108
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Current nox. 2 A   Total current max. 8 A   Industrial communication Industrial communication   Number of signals per port 1   Installation   Connection Mounting set   Mounting set Mo x 1   Device protection   Electrical Degree of protection   Media   Flam resistance filame retardant   Mechanical data   Mounting data Machanical data   Mounting data   Mounting method Schraubgewinde   Environmetal characteristics   Climatic Environmetal characteristics   Climatic   Operating temperature min. -20 °C   Operating temperature ranze B0 °G   Additional condition emperature ranze B0 °G   Additional condition temperature ranze B0 °G   Addition at condition sistic Sistica at a stranding   Type of Certificate <		24 V
Total current max.     8 A       Industrial communication       Number of signals per port     1       Industrial Connection     Industrial Connection       Mounting set     M8 x 1       Device protection   Electrical     Industrial Connection       Device protection   Media     IPSIs, IPG7       Mechanical data   Material data     Material data       Material bousing     Plastic       Mechanical data   Material data     Material data       Mounting mtttod     Schraubgewindo       Environmental characteristics   Climatic     -20 °C       Operating imperature max.     80 °C       Additional condition temperature max.     80 °C       Additional condition temperature max.     80 °C       Colabi Identification     350       Todal condition temperature max.     80 °C       Additonal condition temperature max.     80 °C </td <td></td> <td></td>		
Number of signals per port     1       Installation   Connection     Mox 1       Bovice protection   Electrical     Device protection (EN EC 60529)     IP65, IP67       Device protection   Media     Flame retardant     Image and protection (EM EC 60529)     IP65, IP67       Device protection   Media     Flame retardant     Image and protection (EM EC 60529)     IP65, IP67       Mechanical data   Material data     Image and protection (EM EC 60529)     IPastio     Image and protection (EM EC 60529)       Mechanical data   Material data     Image and protection (EM EC 60529)     IPastio     Image and protection (EM EC 60529)       Mechanical data   Material data     Image and protection (EM EC 60529)     Ipastion (EM EC 60529)     Ipastion (EM EC 60529)       Mounting method     Schraubgewinde     Environmential characteristics (Climatic     Ipastion (EM EC 60529)     Ipast		8 A
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Installation   Connection       Mounting set     M8 x 1       Device protection   Electrical     IP66, IP67       Device protection   Media     IP68, IP67       Device protection   Media     Imme relardant       Mechanical data   Material data     Imme relardant       Mechanical data   Material data     Pasite       Mechanical data   Material data     Schraubgewinde       Environmential characteristics   Climatic     Operafing temperature main.       Qor C     Operafing temperature main.       Qor C     Operafing temperature main.       Qor C     Operafing temperature main.       Dorbid to motion temperature range     depending on cable quality       Installation I Cable     Storaubgewinde       StorOW style jacket     Hybrid, Signal, Power       Cable identification     380       Cable identification     380       Cable identification     380       Cable identification     380       Cable identification     484 gran       Mount stranding     1       Filler     yes       Wire arrangement     Drown, Blue, red, pink, gray, yellow, green, white	Number of signals per port	1
Mounting set     M8 x 1       Device protection [Electrical       Degree of protection [INEC 60529)     IP65, IP67       Device protection [INEC 60529)     IPastic       Machial data [INEC 60529)     Plastic       Mounting method     Schraubgewinde       Environmental characteristics [Climatic     Commental characteristics [Climatic       Operating temperature max.     80 °C       Operating temperature max.     80 °C       Additional condition temperature range     depending on cable quality       Installation [Cable     Commental characteristics [Climatic       STOOW style jacket     Hybrid, Signal, Power     Cable (reditication     S50       Cable freque     Quary     Quary     Quary     Quary       Type of Certificate     CURus     Quary     Quary     Quary       Stranding     8 wires around Core filler twisted     Piller     yes     Quary     Quary     Qua		
Device protection   Electrical       Degree of protection (EN IEC 60529)     IP65, IP67       Device protection   Media     Itame retardant       Mechanical data   Material data     Itame retardant       Mechanical data   Material bouis     Plastic       Metarial housing     Plastic       Mechanical data   Mounting data     Plastic       Mounting method     Schraubgewinde       Environmental characteristics   Climatic     Operating temperature min.       Operating temperature min.     -20 °C       Operating temperature max.     80 °C       Additional condition temperature range     depending on cable quality       Installation I Cable     Stora St		M8 x 1
Degree of protection (EN IEC 60529)     IP65, IP67       Device protection   Media       Filme resistance     Ifame retardant       Mechanical data   Material data       Operating temperature max,     80 vc       Additional condition temperature max,     80 vc       Stood conting temperature min,     92 vc       Cable identification     350       Cable identification     350       Cable identification     350       Cable identification     1		
Device protection   Media       Flame resistance     Ifame retardant       Mechanical data   Material data     Plastic       Mechanical data   Mounting data     Plastic       Mechanical data   Mounting data     Schraubgewinde       Environmental characteristics   Glimatic     Coperating temperature max.       Operating temperature max.     80 °C       Additional condition temperature max.     80 °C       Color Signal, Power     Cable quentify       Stood Signal, Power     Cable dentification       Cable Identification     350       Cable Identification     950       Additional     UBus       Amount stranding     1       Stranding     % w		
Flame resistance     flame retardant       Mechanical data   Material data     Plastic       Material housing     Plastic       Mechanical data   Mounting data     Consump of the second s		IP65, IP67
Mechanical data   Material data       Mechanical data   Mounting data       Mounting method     Schraubgewinde       Environmental characteristics   Climatic     Construct       Operating temperature main.     -20 °C       Operating temperature max.     80 °C       Additional condition temperature range     depending on cable quality       Installation   Cable     Store       STOCW style jacket     Hybrid, Signal, Power       Cable identification     350       Cable Topic     2       Jacket Color     gray       Type of Certificate     CURus       Amount stranding     1       Stranding     8 wires around Core fliler twisted       Filler     yes       wire arangement     Drown, blue, red, pink, gray, yellow, green, white       Cable wighh     94,6 g/m       Material jacket     PUR       Shore hardness jacket     87 ± 5 Shore A       Freedom from ingredients (jacket)     1.8 stras       Coler-finere (marker (jacket)     7.8 mm       Toleranee ure diameter (jacket)     7.8 mm       Coleranet (inneri jacket     PVC <t< td=""><td>Device protection   Media</td><td></td></t<>	Device protection   Media	
Material housing     Plastic       Mechanical data   Mounting data       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     Environmental characteristics   Climatic       STOOW style jacket     Hybrid, Signal, Power       Cable identification     350       Cable Identification     350       Cable Identification     350       Cable Identification     350       Cable Identificate     CURus       Amount stranding     1       Stranding     8 wires around Core filler twisted       Filler     yes     Drown, blue, red, pink, gray, yellow, green, white       Cable weigh     94.6 g/m       Material jacket     PUR       Store Aradness jacket     87 ± 5 Shore A       Freedom from ingredients (jacket)     r,8 mm       Tolerance outer diameter (sheath)     ± 5 %       Material inner jacket     PVC       C	Flame resistance	flame retardant
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     Stormanne     Stormanne       STOOW style jacket     Hybrid, Signal, Power     Cable identification     350       Cable identification     350     Cable identification     Stormanne       Type of Certificate     cuBrus     Cable     Cable     Cable       Amount stranding     1     Stranding     8 wires around Core filler twisted     Filler       Yee of certificate     cuBrus     Stranding     8 wires around Core filler twisted     Stranding       Filler     yes     Yee of certificate     CuBrus     Stranding	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 may.     80 °C       Additional condition temperature may.     80 °C       STOOW style jacket     Hybrid, Signal, Power       Cable identification     350       Cable forp     2       Jacket Color     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     8 wires around Core filler twisted       Filler     yes       wire arrangement     brown, blue, red, pink, gray, yellow, green, white       Cable weigth     94,8 g/m       Material jacket     PUR       Shore hardmess jacket     87 ± 5 Shore A       Freedom from ingredients (jacket)     tead-free, cadmium-free, CFC-free, silicone-free       Outer-diameter (jacket)     7,8 mm       Tolerance outer diameter (sheath)     ± 5 %       Material inner jacket     PVC       Color (inner jacket)     gray       Material inner jacke	Material housing	Plastic
Environmental characteristics   ClimaticOperating temperature min20 °COperating temperature max.80 °CAdditional condition temperature rangedepending on cable qualityInstallation   CableSTOOW style jacketHybrid, Signal, PowerCable identification350Cable for gray2Jacket ColorgrayType of CertificatecURusAmount stranding1FilleryesWire arrangementbrown, blue, red, pink, gray, yellow, green, whiteCable tayle weigth94.6 g/mMaterial jacketPURShore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)7.8 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial inner jacket6Outer diameter insulation1,3 mm	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   350     Cable identification   350     Cable Type   2     Jacket Color   gray     Type of Certificate   cURus     Amount stranding   1     Stranding   8 wires around Core filler twisted     Filler   yes     wire arrangement   brown, blue, red, pink, gray, yellow, green, white     Cable weigth   94,6 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)   7.8 mm     Tolerance outer diameter (sheath)   ± 5 %     Material inner jacket   PVC     Color (inner jacket)   gray     Material inner jacket   PVC     Amount wires   6     Outer diameter insulation   1,3 mm		
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Tolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires6Outer diameter insulation1,3 mm	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires6Outer diameter insulation1,3 mm	Outer-diameter (jacket)	7,8 mm
Color (inner jacket)grayMaterial wire insulationPVCAmount wires6Outer diameter insulation1,3 mm	Talaranaa autar diamatar (abaath)	+ E 9/
Material wire insulation PVC   Amount wires 6   Outer diameter insulation 1,3 mm	Tolerance outer diameter (Sneath)	10%
Amount wires 6   Outer diameter insulation 1,3 mm		
Outer diameter insulation 1,3 mm	Material inner jacket	PVC gray
	Material inner jacket Color (inner jacket) Material wire insulation	PVC gray
Outer diameter tolerance core insulation ± 5 %	Material inner jacket Color (inner jacket) Material wire insulation	PVC gray PVC 6
	Material inner jacket Color (inner jacket) Material wire insulation Amount wires Outer diameter insulation	PVC   gray   PVC   6   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
Conductor type (wire)	Strand class 5
Traversing distance (C-track)	5 m @ 25 °C
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)	2° 08
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2
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: 2024-05-06

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