

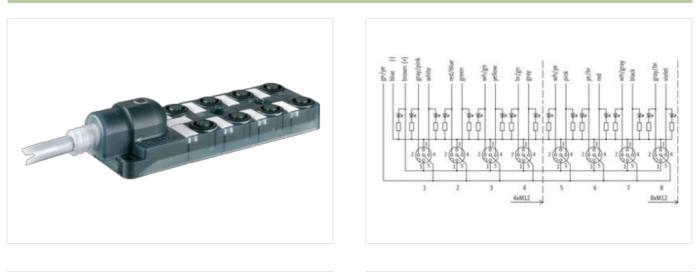
## EXACT12, 8XM12, 5-POLE, MOULDED CABLE

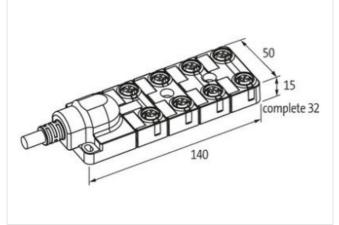
15.0m PUR/PVC 16x0,34+3X0.75, UL/CSA

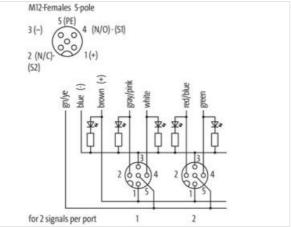
8-way, 5-pole PUR/PVC Further cable lengths on request. 15.0 m Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

## Link to Product

Illustration







Product may differ from Image



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Commercial data		
ECLASS-6.0	27143423	
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: 2024-04-20



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Degree of protection (EN IEC 60529)       IP65, IP67         Device protection   Media       Itame retardant         Flame retasistance       Itame retardant         Mechanical data   Material data       Material housing       Plastic         Mounting method       Schraubgewinde       Environmental characteristics   Climatic         Environmental characteristics   Climatic       20 °C       Operating temperature max.       70 °C         Operating temperature max.       70 °C       Additional condition temperature max.       70 °C         Additional condition temperature max.       70 °C       Cale Type       Cale Condition temperature max.         Type of Certificate       GPRus       Schraubgewinde       Schraubgewinde         Stabilizer (Sale)       98       Cabe Type       2         Cabe Type       2       Cabe Condition temperature max.       Store Sale Condition temperature max.         Store Starding       1       Stranding Condition temperature max.       Store Sale Condition temperature max.         Stranding (type 2)       1       Stranding Condition temperature max.       Stranding Condition temperature max.         Stranding (type 2)       1       Stranding Condition temperature max.       Stranding Condin temperature max.		
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Mechanical data   Material data         Material housing       Plastic         Mechanical data   Mounting data         Mounting method       Schraubgewinde         Environmental characteristics   Climatic       Commonital characteristics   Climatic         Operating temperature min.       -20 °C         Operating temperature max.       70 °C         Additional condition temperature range       depending on cable quality         Installation   Cable       Cable identification       398         Cable Identification       398       Cable Identification       Stranding         Type of Cartificate       CUBus       Stranding       I         Stranding       1       Stranding       1         Stranding       7       Write: garound Core filler twisted       Amount stranding (type 2)       1         Stranding (type 2)       12       Write: garound Core filler twisted       Mount stranding (type 2)       12       Stranding combination twisted         write: garagement       Work: garound Stranding combination twisted       Write: garound Stranding combination twisted         Material jackt       PUR       Store A       Store A       Store A         Shore hardnessi jackt       87 5 5 Shore A	Device protection   Media	
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Mechanical data   Mounting data         Mounting method       Schraubgewinde         Environmental characteristics   Climatic       C         Operating temperature min.       -20 °C         Operating temperature max.       70 °C         Additional condition temperature may.       70 °C         Additional condition temperature may.       70 °C         Cable identification       398         Cable identification       398         Cable identification       398         Cable Type       2         Jacket Color       gray         Type of Certificate       cURus         STOOW style jacket       Hybrid, Signal, Power         Amount stranding       1         Stranding       7 wires around Core filler twisted         Amount stranding (type 2)       12 wires around Stranding combination twisted         wire arrangement       white, gray-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green -yellow)         No. of bending cycles (C-track)       2 Mio. @ 25 °C         Cable weigh       165 g/n         Material jacket       PUF         Shore hardness jacket       87 ± 5 Shore A	Material housing	Plastic
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Additional condition temperature range   depending on cable quality     Installation   Cable     Cable identification   398     Cable Type   2     Jacket Color   gray     Type of Certificate   cURus     STOOW style jacket   Hybrid, Signal, Power     Amount stranding   1     Stranding   7 wires around Core filler twisted     Amount stranding (type 2)   1     Stranding (type 2)   1     Stranding (type 2)   1     white, gray-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow)     No. of bending cycles (C-track)   2 Mio. @ 25 °C     Cable weigth   165 g/m     Material jacket   PUR     Shore hardness jacket   87 ± 5 Shore A     Freedom from ingredients (jacket)   10 mm     Tolerance outer diameter (sheath)   ± 5 %     Material inner jacket   PVC     Color (inner jacket)   gray     Material wire insulation   PVC     Color (inner jacket)   16     Outer diameter (sheath)   ± 5 %     Material wire insulation   PVC     Color (inner jacket)   13 mm     Outer diameter tolerance core insulation   ± 5 % <		
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Stranding (type 2)12 wires around Stranding combination twistedwire arrangementwhite, gray-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow)No. of bending cycles (C-track)2 Mio. @ 25 °CCable weigth165 g/mMaterial jacketPURShore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)10 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires16Outer diameter insulation1,3 mmOuter diameter tolerance core insulation± 5 %	Stranding	7 wires around Core filler twisted
wire arrangementwhite, gray-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow)No. of bending cycles (C-track)2 Mio. @ 25 °CCable weigth165 g/mMaterial jacketPURShore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)10 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires16Outer diameter tolerance core insulation1,3 mmOuter diameter tolerance core insulation± 5 %	Amount stranding (type 2)	1
Wite analgementbrown-yellow, pink, yellow-white, gray, blue, brown, green-yellow)No. of bending cycles (C-track)2 Mio. @ 25 °CCable weigth165 g/mMaterial jacketPURShore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)10 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires16Outer diameter insulation1,3 mmOuter diameter tolerance core insulation± 5 %	Stranding (type 2)	
Cable weigth165 g/mMaterial jacketPURShore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)10 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires16Outer diameter tolerance core insulation± 5 %	-	
Material jacketPURShore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)10 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires16Outer diameter tolerance core insulation1,3 mmOuter diameter tolerance core insulation± 5 %	No. of bending cycles (C-track)	2 Mio. @ 25 °C
Shore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)10 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires16Outer diameter insulation1,3 mmOuter diameter tolerance core insulation± 5 %	Cable weigth	165 g/m
Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)10 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires16Outer diameter insulation1,3 mmOuter diameter tolerance core insulation± 5 %	Material jacket	PUR
Outer-diameter (jacket)10 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires16Outer diameter insulation1,3 mmOuter diameter tolerance core insulation± 5 %	Shore hardness jacket	87 ± 5 Shore A
Tolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires16Outer diameter insulation1,3 mmOuter diameter tolerance core insulation± 5 %	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires16Outer diameter insulation1,3 mmOuter diameter tolerance core insulation± 5 %		
Color (inner jacket)   gray     Material wire insulation   PVC     Amount wires   16     Outer diameter insulation   1,3 mm     Outer diameter tolerance core insulation   ± 5 %		
Material wire insulation   PVC     Amount wires   16     Outer diameter insulation   1,3 mm     Outer diameter tolerance core insulation   ± 5 %	· · · · · · · · · · · · · · · · · · ·	PVC
Amount wires16Outer diameter insulation1,3 mmOuter diameter tolerance core insulation± 5 %		
Outer diameter insulation   1,3 mm     Outer diameter tolerance core insulation   ± 5 %	Material wire insulation	PVC
Outer diameter tolerance core insulation ±5%		
	Outer diameter insulation	
Shore hardness wire insulation   43 ± 5 Shore D		
	Shore hardness wire insulation	43 ± 5 Shore D

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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
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 wires (Power)	3
Amount strands wire (Power)	42
Diameter of single wires (Power)	0,15 mm
Wire conductor cross section (Power)	0,75 mm²
Material conductor wire (Power)	Stranded copper wire, bare
Conductor type wire (Power)	strand class 6
Traversing distance (C-track)	5 m @ 25 °C
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
Electrical resistance coating wire (Power)	26 Ω/km @20 °C
Loop resistance	7,8 A
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)	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	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Connection type 2	
Family construction form	free cable end
No. of poles	19
Family construction form	M12
Gender	female
Color contact carrier	black
Coding	A
No. of poles	5
PIN 1	+
PIN 2	NC S 2
PIN 3	-
PIN 4	NO S 1

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PIN 5

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