

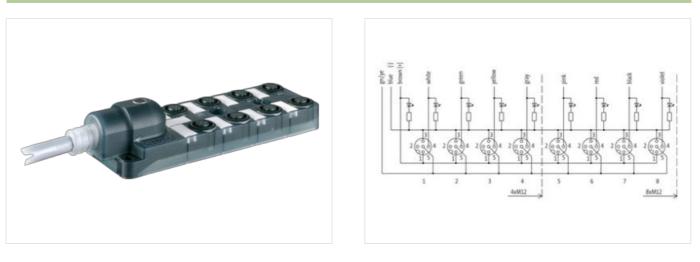
## EXACT12, 8XM12, 4 POLE, MOULDED CABLE

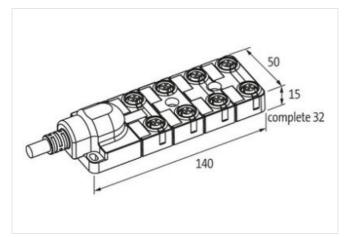
20.0m PUR/PVC 8x0.34+3x0.75, UL/CSA

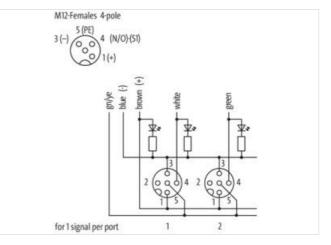
8-way, 4-pole PUR/PVC Further cable lengths on request. 20.0 m Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

## Link to Product

Illustration







Product may differ from Image



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

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ECLASS-9.0	27440108
ECLASS-10.1	27440108
ECLASS-11.1	27440108
ECLASS-12.0	27440108
ETIM-5.0	EC002585
customs tariff number	85444290
GTIN	4048879291019
Packaging unit	1
Electrical data   Supply	
Operating voltage DC	24 V
Current operating per contact max.	4 A
Installation   Connection	
Mounting set	M12 x 1
Device protection   Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67
Device protection   Media	
Flame resistance	flame retardant
Mechanical data   Material data	
Material housing	Plastic
Mechanical data   Mounting data	
Mounting method	Schraubgewinde
Environmental characteristics   Climatic	
· · · ·	
Operating temperature min.	-20 °C
Operating temperature max.	70 °C
Additional condition temperature range	depending on cable quality
Installation   Cable	
STOOW style jacket	Hybrid, Signal, Power
STOOW style jacket Cable identification	Hybrid, Signal, Power 362
Cable identification Cable Type Jacket Color	362
Cable identification Cable Type	362 2
Cable identification Cable Type Jacket Color	362 2 gray
Cable identification Cable Type Jacket Color Type of Certificate	362 2 gray cURus
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2)	362 2 gray cURus 1 2 wires with Filler twisted 1
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2)	362 2 gray cURus 1 2 wires with Filler twisted
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Filler	362         2         gray         cURus         1         2 wires with Filler twisted         1         9 wires around Stranding combination twisted         yes
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Filler wire arrangement	362         2         gray         cURus         1         2 wires with Filler twisted         1         9 wires around Stranding combination twisted         yes         white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow)
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Filler wire arrangement Cable weigth	362         2         gray         cURus         1         2 wires with Filler twisted         1         9 wires around Stranding combination twisted         yes         white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow)         115,5 g/m
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Filler wire arrangement Cable weigth Material jacket	362 2 gray cURus 1 2 wires with Filler twisted 1 9 wires around Stranding combination twisted yes white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow) 115,5 g/m PUR
Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         Amount stranding (type 2)         Stranding (type 2)         Filler         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket	362         2         gray         cURus         1         2 wires with Filler twisted         1         9 wires around Stranding combination twisted         yes         white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow)         115,5 g/m         PUR         87 ± 5 Shore A
Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         Amount stranding (type 2)         Stranding (type 2)         Filler         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)	362         2         gray         cURus         1         2 wires with Filler twisted         1         9 wires around Stranding combination twisted         yes         white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow)         115,5 g/m         PUR         87 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free
Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         Amount stranding (type 2)         Stranding (type 2)         Filler         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)	362         2         gray         cURus         1         2 wires with Filler twisted         1         9 wires around Stranding combination twisted         yes         white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow)         115,5 g/m         PUR         87 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         8,1 mm
Cable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingAmount stranding (type 2)Stranding (type 2)Fillerwire arrangementCable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)	362         2         gray         cURus         1         2 wires with Filler twisted         1         9 wires around Stranding combination twisted         yes         white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow)         115,5 g/m         PUR         87 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         8,1 mm         ± 5 %
Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         Amount stranding (type 2)         Stranding (type 2)         Filler         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material inner jacket	362         2         gray         cURus         1         2 wires with Filler twisted         1         9 wires around Stranding combination twisted         yes         white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow)         115,5 g/m         PUR         87 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         8,1 mm
Cable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingAmount stranding (type 2)Stranding (type 2)Fillerwire arrangementCable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)Material inner jacketColor (inner jacket)	362         2         gray         cURus         1         2 wires with Filler twisted         1         9 wires around Stranding combination twisted         yes         white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow)         115,5 g/m         PUR         87 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         8,1 mm         ± 5 %         PVC         gray
Cable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingAmount stranding (type 2)Stranding (type 2)Fillerwire arrangementCable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)Material inner jacketColor (inner jacket)Material wire insulation	362         2         gray         cURus         1         2 wires with Filler twisted         1         9 wires around Stranding combination twisted         yes         white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow)         115,5 g/m         PUR         87 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         8,1 mm         ± 5 %         PVC         gray         PVC
Cable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingAmount stranding (type 2)Stranding (type 2)Fillerwire arrangementCable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)Material inner jacketColor (inner jacket)Material wire insulationAmount wires	362         2         gray         cURus         1         2 wires with Filler twisted         1         9 wires around Stranding combination twisted         yes         white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow)         115,5 g/m         PUR         87 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         8,1 mm         ± 5 %         PVC         gray         PVC         8
Cable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingAmount stranding (type 2)Stranding (type 2)Fillerwire arrangementCable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)Material inner jacketColor (inner jacket)Material wire insulationAmount wiresOuter diameter insulation	362         2         gray         cURus         1         2 wires with Filler twisted         1         9 wires around Stranding combination twisted         yes         white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow)         115,5 g/m         PUR         87 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         8,1 mm         ± 5 %         PVC         gray         PVC         8         1,3 mm
Cable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingAmount stranding (type 2)Stranding (type 2)Fillerwire arrangementCable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)Material inner jacketColor (inner jacket)Material wire insulationAmount wiresOuter diameter tolerance core insulationOuter diameter tolerance core insulation	362         2         gray         cURus         1         2 wires with Filler twisted         1         9 wires around Stranding combination twisted         yes         white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow)         115,5 g/m         PUR         87 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         8,1 mm         ± 5 %         PVC         gray         PVC         8         1,3 mm         ± 5 %
Cable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingAmount stranding (type 2)Stranding (type 2)Stranding (type 2)Fillerwire arrangementCable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)Material inner jacketColor (inner jacket)Material wire insulationAmount wiresOuter diameter tolerance core insulationShore hardness wire insulation	362         2         gray         cURus         1         2 wires with Filler twisted         1         9 wires around Stranding combination twisted         yes         white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow)         115,5 g/m         PUR         87 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         8,1 mm         ± 5 %         PVC         gray         PVC         8         1,3 mm         ± 5 %         43 ± 5 Shore D
Cable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingAmount stranding (type 2)Stranding (type 2)Fillerwire arrangementCable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)Material inner jacketColor (inner jacket)Outer diameter insulationAmount wiresOuter diameter tolerance core insulationOuter diameter tolerance core insulation	362         2         gray         cURus         1         2 wires with Filler twisted         1         9 wires around Stranding combination twisted         yes         white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow)         115,5 g/m         PUR         87 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         8,1 mm         ± 5 %         PVC         gray         PVC         8         1,3 mm         ± 5 %

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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>
Traversing distance (C-track)	5 m @ 25 °C
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Travel speed (C-track)	3
Material wire insulation (Power)	PVC
Outer diameter wire insulation (Power)	1,8 mm
Tolerance outer diameter wire insulation	1,0 mm
(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	UL 1581 § 1090   IEC 60332-2-2   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
Travel speed (C-track)	2 Mio. @ 25 °C
Connection type 2	
Family construction form	free cable end
No. of poles	11
Family construction form	M12
Gender	female
Color contact carrier	black
Coding	A
No. of poles	4
PIN 1	+
PIN 2	n.c.
PIN 3	-
PIN 4	NO S 1
PIN 5	PE

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