

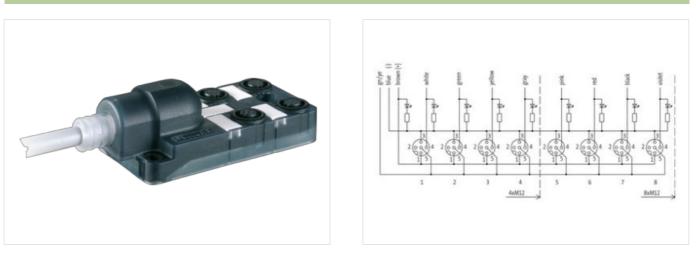
## EXACT12, 4XM12, 4 POLE MOULDED CABLE

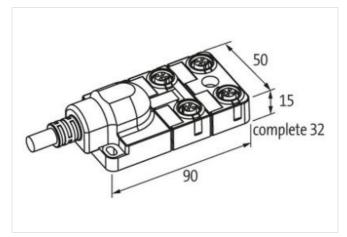
5.0m PUR/PVC 4X0.34+3X0.75, UL/CSA

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





M12-Females 4-pole 4 (N/O}-(S1) 3(-0 0 blue (-) rown gu/ye for 1 signal per port 2 1

Product may differ from Image



Commercial data		
ECLASS-6.0	27279219	
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	4048879056045
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	
Cable identification	333
Cable Type	2
Jacket Color	aray
Jacket Color Type of Certificate	gray cURus
Jacket Color Type of Certificate STOOW style jacket	cURus
Type of Certificate	
Type of Certificate STOOW style jacket	cURus Hybrid, Signal, Power
Type of Certificate STOOW style jacket Amount stranding	cURus Hybrid, Signal, Power 1
Type of Certificate STOOW style jacket Amount stranding Stranding	cURus Hybrid, Signal, Power 1 7 wires around Core filler twisted
Type of Certificate STOOW style jacket Amount stranding Stranding Filler	cURus         Hybrid, Signal, Power         1         7 wires around Core filler twisted         yes
Type of Certificate STOOW style jacket Amount stranding Stranding Filler wire arrangement	cURus         Hybrid, Signal, Power         1         7 wires around Core filler twisted         yes         white, green, yellow, gray, brown, blue, green-yellow
Type of Certificate STOOW style jacket Amount stranding Stranding Filler wire arrangement Cable weigth	cURus         Hybrid, Signal, Power         1         7 wires around Core filler twisted         yes         white, green, yellow, gray, brown, blue, green-yellow         105,6 g/m
Type of Certificate         STOOW style jacket         Amount stranding         Stranding         Filler         wire arrangement         Cable weigth         Material jacket	cURus         Hybrid, Signal, Power         1         7 wires around Core filler twisted         yes         white, green, yellow, gray, brown, blue, green-yellow         105,6 g/m         PUR
Type of Certificate         STOOW style jacket         Amount stranding         Stranding         Filler         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket	cURus         Hybrid, Signal, Power         1         7 wires around Core filler twisted         yes         white, green, yellow, gray, brown, blue, green-yellow         105,6 g/m         PUR         87 ± 5 Shore A
Type of Certificate STOOW style jacket Amount stranding Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	cURus         Hybrid, Signal, Power         1         7 wires around Core filler twisted         yes         white, green, yellow, gray, brown, blue, green-yellow         105,6 g/m         PUR         87 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free
Type of Certificate         STOOW style jacket         Amount stranding         Stranding         Filler         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)	cURus         Hybrid, Signal, Power         1         7 wires around Core filler twisted         yes         white, green, yellow, gray, brown, blue, green-yellow         105,6 g/m         PUR         87 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         7,4 mm
Type of Certificate         STOOW style jacket         Amount stranding         Stranding         Filler         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)	cURus         Hybrid, Signal, Power         1         7 wires around Core filler twisted         yes         white, green, yellow, gray, brown, blue, green-yellow         105,6 g/m         PUR         87 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         7,4 mm         ± 5 %
Type of Certificate         STOOW style jacket         Amount stranding         Stranding         Filler         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material inner jacket	cURus         Hybrid, Signal, Power         1         7 wires around Core filler twisted         yes         white, green, yellow, gray, brown, blue, green-yellow         105,6 g/m         PUR         87 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         7,4 mm         ± 5 %         PVC
Type of Certificate         STOOW style jacket         Amount stranding         Stranding         Filler         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material inner jacket         Color (inner jacket)	cURus         Hybrid, Signal, Power         1         7 wires around Core filler twisted         yes         white, green, yellow, gray, brown, blue, green-yellow         105,6 g/m         PUR         87 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         7,4 mm         ± 5 %         PVC         gray
Type of Certificate         STOOW style jacket         Amount stranding         Stranding         Filler         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material inner jacket         Color (inner jacket)         Material wire insulation	cURus         Hybrid, Signal, Power         1         7 wires around Core filler twisted         yes         white, green, yellow, gray, brown, blue, green-yellow         105,6 g/m         PUR         87 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         7,4 mm         ± 5 %         PVC         gray         PVC
Type of Certificate         STOOW style jacket         Amount stranding         Stranding         Filler         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material inner jacket         Color (inner jacket)         Material wire insulation         Amount wires	cURus         Hybrid, Signal, Power         1         7 wires around Core filler twisted         yes         white, green, yellow, gray, brown, blue, green-yellow         105,6 g/m         PUR         87 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         7,4 mm         ± 5 %         PVC         gray         PVC         4
Type of Certificate         STOOW style jacket         Amount stranding         Stranding         Filler         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material inner jacket         Color (inner jacket)         Material wire insulation         Amount wires         Outer diameter insulation	cURus         Hybrid, Signal, Power         1         7 wires around Core filler twisted         yes         white, green, yellow, gray, brown, blue, green-yellow         105,6 g/m         PUR         87 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         7,4 mm         ± 5 %         PVC         gray         PVC         4         1,3 mm
Type of Certificate         STOOW style jacket         Amount stranding         Stranding         Filler         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material inner jacket         Color (inner jacket)         Material wire insulation         Amount wires         Outer diameter insulation         Outer diameter tolerance core insulation	cURus         Hybrid, Signal, Power         1         7 wires around Core filler twisted         yes         white, green, yellow, gray, brown, blue, green-yellow         105,6 g/m         PUR         87 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         7,4 mm         ± 5 %         PVC         gray         PVC         4         1,3 mm         ± 5 %
Type of Certificate         STOOW style jacket         Amount stranding         Stranding         Filler         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material inner jacket         Color (inner jacket)         Material wire insulation         Amount wires         Outer diameter tolerance core insulation         Shore hardness wire insulation	cURus         Hybrid, Signal, Power         1         7 wires around Core filler twisted         yes         white, green, yellow, gray, brown, blue, green-yellow         105,6 g/m         PUR         87 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         7,4 mm         ± 5 %         PVC         gray         PVC         4         1,3 mm         ± 5 %         43 ± 5 Shore D
Type of Certificate         STOOW style jacket         Amount stranding         Stranding         Filler         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material inner jacket         Color (inner jacket)         Material wire insulation         Amount wires         Outer diameter tolerance core insulation         Shore hardness wire insulation         Material properties wire insulation	cURus         Hybrid, Signal, Power         1         7 wires around Core filler twisted         yes         white, green, yellow, gray, brown, blue, green-yellow         105,6 g/m         PUR         87 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         7,4 mm         ± 5 %         PVC         gray         PVC         4         1,3 mm         ± 5 %         43 ± 5 Shore D         good machinability

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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 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
Traversing distance (C-track)	5 m
Travel speed (C-track)	3
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
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
Loop resistance	7,8 A
Min. operating temperature (static)	-30 °C
Max. operating temperature (state)	80 °C
Operating temperature (inted)	-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	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	2 Mio.
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Connection type 2	
Family construction form	free cable end
No. of poles	7
Family construction form	M12
Gender	female
Color contact carrier	black
Coding	A
No. of poloo	4
No. of poles	
PIN 1	+
· · · · · · · · · · · · · · · · · · ·	+
PIN 1	
PIN 1 PIN 2	n.c.
PIN 1 PIN 2 PIN 3	n.c. -

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