

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

5.0m PUR/PVC 16x0,34+3X0.75, UL/CSA

8-way, 5-pole PUR/PVC

Further cable lengths on request.

5.0 m

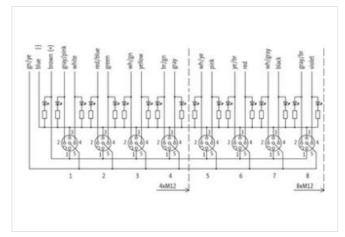
Plastic housings with good resistance against chemicals and oils.

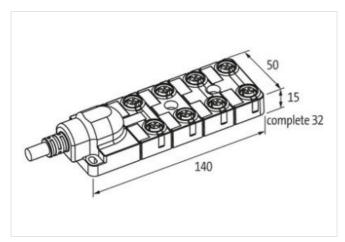
The resistance to aggressive media should be individually tested for your application. Further details on request.

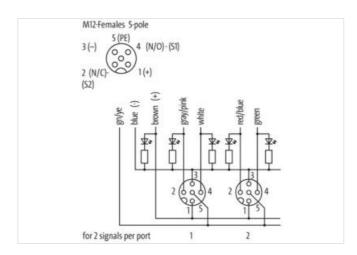
## **Link to Product**

## Illustration









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 ECLASS-12.0	27440108
ETIM-5.0	27440108
customs tariff number	EC002585 85444290
GTIN	4048879054027
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	
·	Disable
Material housing	Plastic
Mechanical data   Mounting data	
Mounting method	Schraubgewinde
Environmental characteristics   Climatic	
Operating temperature min.	-20 °C
Operating temperature max.	70 °C
Operating temperature max.	70 0
Additional condition temperature range	depending on cable quality
Additional condition temperature range	
Additional condition temperature range  Installation   Cable	depending on cable quality
Additional condition temperature range  Installation   Cable  STOOW style jacket	depending on cable quality  Hybrid, Signal, Power
Additional condition temperature range  Installation   Cable  STOOW style jacket  Cable identification	depending on cable quality  Hybrid, Signal, Power  398
Additional condition temperature range  Installation   Cable  STOOW style jacket  Cable identification  Cable Type	depending on cable quality  Hybrid, Signal, Power  398 2
Additional condition temperature range  Installation   Cable  STOOW style jacket  Cable identification  Cable Type  Jacket Color	depending on cable quality  Hybrid, Signal, Power  398  2  gray
Additional condition temperature range  Installation   Cable  STOOW style jacket  Cable identification  Cable Type  Jacket Color  Type of Certificate	depending on cable quality  Hybrid, Signal, Power  398 2 gray cURus
Additional condition temperature range  Installation   Cable  STOOW style jacket  Cable identification  Cable Type  Jacket Color  Type of Certificate  Amount stranding  Stranding  Amount stranding (type 2)	depending on cable quality  Hybrid, Signal, Power  398  2  gray  cURus  1  7 wires around Core filler twisted  1
Additional condition temperature range  Installation   Cable  STOOW style jacket  Cable identification  Cable Type  Jacket Color  Type of Certificate  Amount stranding  Stranding	depending on cable quality  Hybrid, Signal, Power  398  2  gray  cURus  1  7 wires around Core filler twisted  1  12 wires around Stranding combination twisted
Additional condition temperature range  Installation   Cable  STOOW style jacket  Cable identification  Cable Type  Jacket Color  Type of Certificate  Amount stranding  Stranding  Amount stranding (type 2)	depending on cable quality  Hybrid, Signal, Power  398  2  gray  cURus  1  7 wires around Core filler twisted  1
Additional condition temperature range  Installation   Cable  STOOW style jacket  Cable identification  Cable Type  Jacket Color  Type of Certificate  Amount stranding  Stranding  Amount stranding (type 2)  Stranding (type 2)	depending on cable quality  Hybrid, Signal, Power  398  2  gray  cURus  1  7 wires around Core filler twisted  1  12 wires around Stranding combination twisted  white, gray-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown-gray, black, gray-white, red,
Additional condition temperature range  Installation   Cable  STOOW style jacket  Cable identification  Cable Type  Jacket Color  Type of Certificate  Amount stranding  Stranding  Amount stranding (type 2)  Stranding (type 2)  wire arrangement	depending on cable quality  Hybrid, Signal, Power  398  2  gray  cURus  1  7 wires around Core filler twisted  1  12 wires around Stranding combination twisted  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)
Additional condition temperature range  Installation   Cable  STOOW style jacket  Cable identification  Cable Type  Jacket Color  Type of Certificate  Amount stranding  Stranding  Amount stranding (type 2)  Stranding (type 2)  wire arrangement  Cable weigth	depending on cable quality  Hybrid, Signal, Power  398  2  gray  cURus  1  7 wires around Core filler twisted  1  12 wires around Stranding combination twisted  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)  165 g/m
Additional condition temperature range  Installation   Cable  STOOW style jacket  Cable identification  Cable Type  Jacket Color  Type of Certificate  Amount stranding  Stranding  Amount stranding (type 2)  Stranding (type 2)  wire arrangement  Cable weigth  Material jacket	depending on cable quality  Hybrid, Signal, Power  398  2  gray  cURus  1  7 wires around Core filler twisted  1  12 wires around Stranding combination twisted  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)  165 g/m  PUR
Additional condition temperature range  Installation   Cable  STOOW style jacket  Cable identification  Cable Type  Jacket Color  Type of Certificate  Amount stranding  Stranding  Amount stranding (type 2)  Stranding (type 2)  wire arrangement  Cable weigth  Material jacket  Shore hardness jacket	depending on cable quality  Hybrid, Signal, Power  398  2  gray  cURus  1  7 wires around Core filler twisted  1  12 wires around Stranding combination twisted  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)  165 g/m  PUR  87 ± 5 Shore A
Additional condition temperature range  Installation   Cable  STOOW style jacket  Cable identification  Cable Type  Jacket Color  Type of Certificate  Amount stranding  Stranding  Amount stranding (type 2)  Stranding (type 2)  wire arrangement  Cable weigth  Material jacket  Shore hardness jacket  Freedom from ingredients (jacket)	depending on cable quality  Hybrid, Signal, Power  398  2  gray  cURus  1  7 wires around Core filler twisted  1  12 wires around Stranding combination twisted  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)  165 g/m  PUR  87 ± 5 Shore A  lead-free, cadmium-free, CFC-free, silicone-free  10 mm  ± 5 %
Additional condition temperature range  Installation   Cable  STOOW style jacket  Cable identification  Cable Type  Jacket Color  Type of Certificate  Amount stranding  Stranding  Amount stranding (type 2)  Stranding (type 2)  wire arrangement  Cable weigth  Material jacket  Shore hardness jacket  Freedom from ingredients (jacket)  Outer-diameter (jacket)  Tolerance outer diameter (sheath)  Material inner jacket	depending on cable quality  Hybrid, Signal, Power  398  2  gray  cURus  1  7 wires around Core filler twisted  1  12 wires around Stranding combination twisted  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)  165 g/m  PUR  87 ± 5 Shore A  lead-free, cadmium-free, CFC-free, silicone-free  10 mm
Additional condition temperature range  Installation   Cable  STOOW style jacket  Cable identification  Cable Type  Jacket Color  Type of Certificate  Amount stranding  Stranding  Amount stranding (type 2)  Stranding (type 2)  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)	depending on cable quality  Hybrid, Signal, Power  398  2  gray  cURus  1  7 wires around Core filler twisted  1  12 wires around Stranding combination twisted  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)  165 g/m  PUR  87 ± 5 Shore A  lead-free, cadmium-free, CFC-free, silicone-free  10 mm  ± 5 %  PVC  gray
Installation   Cable STOOW style jacket Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) 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	depending on cable quality  Hybrid, Signal, Power  398  2  gray  cURus  1  7 wires around Core filler twisted  1  12 wires around Stranding combination twisted  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)  165 g/m  PUR  87 ± 5 Shore A  lead-free, cadmium-free, CFC-free, silicone-free  10 mm  ± 5 %  PVC  gray  PVC
Installation   Cable  STOOW style jacket Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires	depending on cable quality  Hybrid, Signal, Power  398  2  gray  cURus  1  7 wires around Core filler twisted  1  12 wires around Stranding combination twisted  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)  165 g/m  PUR  87 ± 5 Shore A  lead-free, cadmium-free, CFC-free, silicone-free  10 mm  ± 5 %  PVC  gray  PVC
Installation   Cable  STOOW style jacket  Cable identification  Cable Type  Jacket Color  Type of Certificate  Amount stranding  Stranding  Amount stranding (type 2)  Stranding (type 2)  wire arrangement  Cable weigth  Material jacket  Shore hardness jacket  Freedom from ingredients (jacket)  Outer-diameter (jacket)  Tolerance outer diameter (sheath)  Material wire insulation  Amount wires  Outer diameter insulation	depending on cable quality  Hybrid, Signal, Power  398  2  gray  cURus  1  7 wires around Core filler twisted  1  12 wires around Stranding combination twisted  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)  165 g/m  PUR  87 ± 5 Shore A  lead-free, cadmium-free, CFC-free, silicone-free  10 mm  ± 5 %  PVC  gray  PVC  16  1,3 mm
Installation   Cable  STOOW style jacket Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation	depending on cable quality  Hybrid, Signal, Power  398 2 gray cURus 1 7 wires around Core filler twisted 1 12 wires around Stranding combination twisted 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) 165 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 10 mm ± 5 % PVC gray PVC 16 1,3 mm ± 5 %
Installation   Cable  STOOW style jacket  Cable identification  Cable Type  Jacket Color  Type of Certificate  Amount stranding  Stranding  Amount stranding (type 2)  Stranding (type 2)  wire arrangement  Cable weigth  Material jacket  Shore hardness jacket  Freedom from ingredients (jacket)  Outer-diameter (jacket)  Tolerance outer diameter (sheath)  Material wire insulation  Amount wires  Outer diameter insulation	depending on cable quality  Hybrid, Signal, Power  398  2  gray  cURus  1  7 wires around Core filler twisted  1  12 wires around Stranding combination twisted  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)  165 g/m  PUR  87 ± 5 Shore A  lead-free, cadmium-free, CFC-free, silicone-free  10 mm  ± 5 %  PVC  gray  PVC  16  1,3 mm



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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>
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)	3
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)	42
Diameter of single wires (Power)	0,15 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 6
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	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	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
PIN 5	PE

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