

Exact12, 8xM12, 5-pole, moulded cable

15.0m PUR 16x0.5+3x1.0, UL/CSA

8-way, 5-pole 15.0 m ATEX Zone 2 and 22

Further cable lengths on request.

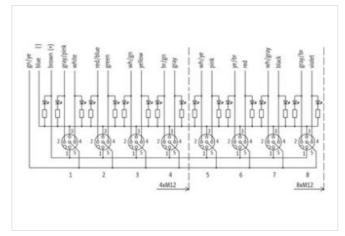
Plastic housings with good resistance against chemicals and oils.

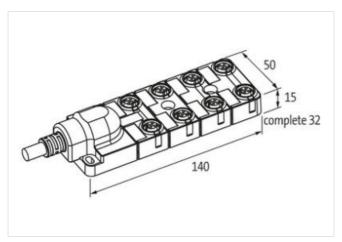
The resistance to aggressive media should be individually tested for your application. Further details on request.

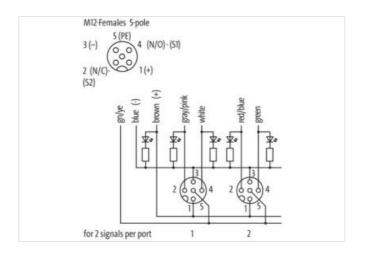
Link to Product

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	EC001855
customs tariff number	85444290
GTIN	4048879655637
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	
·	Diantia
Material housing	Plastic
Mechanical data Mounting data	
Mounting method	Schraubgewinde
Environmental characteristics Climatic	
Operating temperature min.	-20 °C
Operating temperature max.	40 °C
Operating temperature max. Additional condition temperature range	40 °C depending on cable quality
Additional condition temperature range	
Additional condition temperature range Installation Cable	depending on cable quality
Additional condition temperature range Installation Cable Cable identification	depending on cable quality 452
Additional condition temperature range Installation Cable Cable identification Jacket Color	depending on cable quality 452 gray
Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate	depending on cable quality 452 gray cURus
Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding	depending on cable quality 452 gray cURus 1
Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding	depending on cable quality 452 gray cURus 1 7 wires around Core filler twisted
Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2)	depending on cable quality 452 gray cURus 1 7 wires around Core filler twisted 1
Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2)	depending on cable quality 452 gray cURus 1 7 wires around Core filler twisted 1 12 wires counter-rotating twisted Fleece yes
Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Banding	depending on cable quality 452 gray cURus 1 7 wires around Core filler twisted 1 12 wires counter-rotating twisted Fleece
Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Banding Filler	depending on cable quality 452 gray cURus 1 7 wires around Core filler twisted 1 12 wires counter-rotating twisted Fleece yes gray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, brown-gray, black, gray-white, gray-w
Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Banding Filler wire arrangement	depending on cable quality 452 gray cURus 1 7 wires around Core filler twisted 1 12 wires counter-rotating twisted Fleece yes gray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow, violet)
Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Banding Filler wire arrangement Cable weigth	depending on cable quality 452 gray cURus 1 7 wires around Core filler twisted 1 12 wires counter-rotating twisted Fleece yes gray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow, violet) 231 g/m
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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: 2024-05-04



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Conductor crosssection (wire)	0,5 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	5 m @ 25 °C
Material wire insulation (Data)	TPE-E
Outer diameter wire insulation (Data)	2,1 mm
Tolerance outer diameter wire insulation (data)) ±5%
Shore hardness wire insulation (Data)	55 ± 5 Shore D
Ingredient freeness wire insulation (Data)	lead-free, halogen-free, silicone-free, LABS-free
Amount wires (Data)	3
Amount strands wire (Data)	128
Diameter of single wires (Data)	0,1 mm
Conductor crosssection wire (Data)	1 mm²
Material conductor wire (Data)	Stranded copper wire, bare
Wire conductor type (Data)	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 (clarically)	5.9 A
Current load capacity min. Wire (Data)	15 A
Electrical resistance line constant wire	39 Ω/km @ 20 °C
Electrical resistance coating wire (Data)	20 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)	-40 °C
Max. operating temperature (fixed)	90 °C
Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	90 °C
Flame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (installation)	x Outer diameter
Bending radius (fixed)	8 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	5 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
F IIN 4	110 0 1