

Exact12, 8xM12, 5-pole, moulded cable

10.0m PUR 16x0,5+3x1,0, UL/CSA

8-way, 5-pole 10.0 m ATEX Zone 2 and 22

Further cable lengths on request.

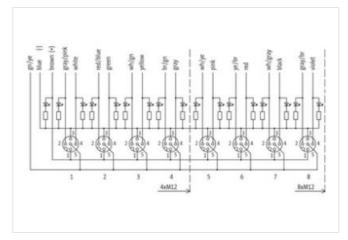
Plastic housings with good resistance against chemicals and oils.

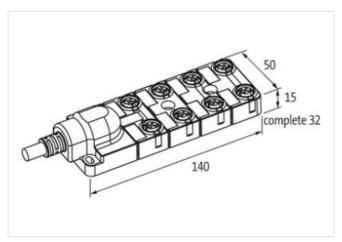
The resistance to aggressive media should be individually tested for your application. Further details on request.

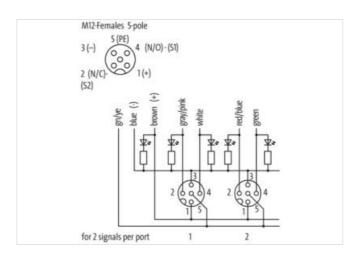
Link to Product

Illustration









Product may differ from Image











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



stay connected

ECLASS-9.0	27440108
ECLASS-10.1	27440108
ECLASS-10.1	27440108
ECLASS-11.1 ECLASS-12.0	27440108
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879718332
Packaging unit	1
	'
Electrical data Supply	
Operating voltage DC	24 V 4 A
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	namo rotaram
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Material housing	Plastic
Mechanical data Mounting data	
Mounting method	Schraubgewinde
Environmental characteristics Climatic	
Operating temperature min.	-20 °C
Operating temperature max.	40 °C
Additional condition temperature range	depending on cable quality
Installation Cable	
Cable identification	452
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	7 wires around Core filler twisted
Amount stranding (type 2)	1
Stranding (type 2)	12 wires counter-rotating twisted
Banding	Fleece
Filler	yes
wire arrangement	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)
Cable weigth	231 g/m
Material jacket	PUR
Shore hardness jacket	94 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free
Outer-diameter (jacket)	11,5 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	TPE-E
Amount wires	16
Outer diameter insulation	1,6 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	55 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free, silicone-free, LABS-free
Amount strands (wire)	64
Diameter of single wires	0,1 mm



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
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
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Material conductor wire (Data) Stranded copper wire bare
material correction three (Batta) Caranteed 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 min. wire 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 - 2 kV @ 60 s jacket)
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
PIN 5 PE