

MVP-METALL, 8XM12, 5POLE, PRE-WIRED CABLE

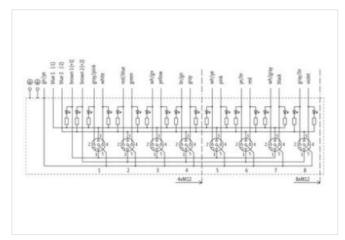
3.0m PUR 16x0,34+5X0.75, UL/CSA

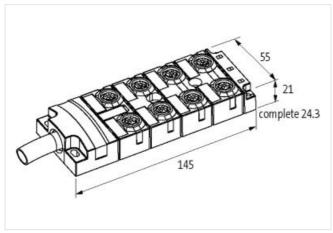
8-way, 5-pole 3.0 m potentially separated Replaces identical product (Art.No. 27521) with LED for digital PNP-signals 24 V DC Separate protection of ports 1, 3, 5, 7 or 2, 4, 6, 8 possible. Further cable lengths on request.

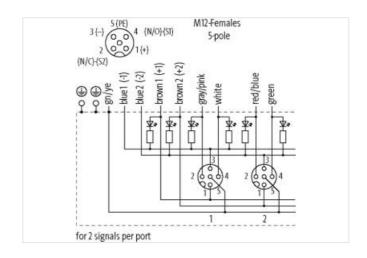
Link to Product

Illustration









Product may differ from Image









Co	mm	erci	al da	ata

ECLASS-6.0	27279219	
ECLASS-6.1	27279219	
ECLASS-7.0	27279219	



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ECLASS-8.0	27279219
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	4048879352574
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, IP68
Mechanical data Material data	
Coating housing	Nickeled
Material housing	Zinc die-casting
Mechanical data Mounting data	
Mounting method	Schraubgewinde
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	90 °C
Additional condition temperature range	depending on cable quality
	depending on cable quality
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Additional condition temperature range Installation Cable Cable identification	403
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Additional condition temperature range Installation Cable Cable identification Printing color of wire insulation	403 white (isolation blue), white (isolation brown)
Additional condition temperature range Installation Cable Cable identification Printing color of wire insulation Jacket Color	403 white (isolation blue), white (isolation brown) gray
Additional condition temperature range Installation Cable Cable identification Printing color of wire insulation Jacket Color Type of Certificate	403 white (isolation blue), white (isolation brown) gray cURus
Additional condition temperature range Installation Cable Cable identification Printing color of wire insulation Jacket Color Type of Certificate Amount stranding	403 white (isolation blue), white (isolation brown) gray cURus 1
Additional condition temperature range Installation Cable Cable identification Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding	403 white (isolation blue), white (isolation brown) gray cURus 1 5 wires around Core filler twisted
Additional condition temperature range Installation Cable Cable identification Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding Stranding factor min.	403 white (isolation blue), white (isolation brown) gray cURus 1 5 wires around Core filler twisted 70 mm
Additional condition temperature range Installation Cable Cable identification Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding Stranding factor min. Stranding factor max.	403 white (isolation blue), white (isolation brown) gray cURus 1 5 wires around Core filler twisted 70 mm 70 mm 1 16 wires counter-rotating twisted
Additional condition temperature range Installation Cable Cable identification Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding Stranding factor min. Stranding factor max. Amount stranding (type 2)	403 white (isolation blue), white (isolation brown) gray cURus 1 5 wires around Core filler twisted 70 mm 70 mm
Additional condition temperature range Installation Cable Cable identification Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding (type 2)	403 white (isolation blue), white (isolation brown) gray cURus 1 5 wires around Core filler twisted 70 mm 70 mm 1 16 wires counter-rotating twisted
Additional condition temperature range Installation Cable Cable identification Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding factor min. (type 2)	403 white (isolation blue), white (isolation brown) gray cURus 1 5 wires around Core filler twisted 70 mm 70 mm 1 16 wires counter-rotating twisted 105 mm
Additional condition temperature range Installation Cable Cable identification Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding factor min. (type 2) Stranding factor min. (type 2)	403 white (isolation blue), white (isolation brown) gray cURus 1 5 wires around Core filler twisted 70 mm 70 mm 1 16 wires counter-rotating twisted 105 mm Fleece yes
Additional condition temperature range Installation Cable Cable identification Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding (type 2) Stranding factor min. (type 2) Stranding factor min. (type 2) Stranding factor max. (type 2) Filler wire arrangement	white (isolation blue), white (isolation brown) gray cURus 1 5 wires around Core filler twisted 70 mm 70 mm 1 16 wires counter-rotating twisted 105 mm 105 mm Fleece yes (gray-pink, violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, brown-green, yellow, green-white, green, red-blue, white), brown 1, blue 2, brown 2, green-yellow, blue 1
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Installation Cable Cable identification Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding factor min. (type 2) Stranding factor max. (type 2) Stranding factor max. Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	white (isolation blue), white (isolation brown) gray cURus 1 5 wires around Core filler twisted 70 mm 70 mm 1 16 wires counter-rotating twisted 105 mm 105 mm Fleece yes (gray-pink, violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, brown-green, yellow, green-white, green, red-blue, white), brown 1, blue 2, brown 2, green-yellow, blue 1 253 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free
Installation Cable Cable identification Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding factor min. (type 2) Stranding factor min. (type 2) Stranding factor max. (type 2) Stranding factor min. (type 2) Stranding factor min. (type 2) Stranding factor min. (type 2) Stranding factor max. (type 2) Banding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	white (isolation blue), white (isolation brown) gray cURus 1 5 wires around Core filler twisted 70 mm 70 mm 1 16 wires counter-rotating twisted 105 mm 105 mm Fleece yes (gray-pink, violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, brown-green, yellow, green-white, green, red-blue, white), brown 1, blue 2, brown 2, green-yellow, blue 1 253 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 11,5 mm
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Installation Cable Cable identification Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding factor min. (type 2) Stranding factor min. (type 2) Stranding factor max. (type 2) Stranding factor max. Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation	white (isolation blue), white (isolation brown) gray cURus 1 5 wires around Core filler twisted 70 mm 70 mm 1 16 wires counter-rotating twisted 105 mm 105 mm Fleece yes (gray-pink, violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, brown-green, yellow, green-white, green, red-blue, white), brown 1, blue 2, brown 2, green-yellow, blue 1 253 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 11,5 mm ± 5 % TPE



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Share hardness wire insulation	55 ± 5 Shore D
Shore hardness wire insulation	
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free, silicone-free, LABS-free
Printing color of wire insulation Amount strands (wire)	white (isolation blue), white (isolation brown) 96
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,75 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	1,8 m @ 25 °C
Material wire insulation (Data)	TPE
Outer diameter wire insulation (Data)	1,4 mm
Tolerance outer diameter wire insulation (data)	±5%
Shore hardness wire insulation (Data)	55 ± 5 Shore D
Ingredient freeness wire insulation (Data)	lead-free, CFC-free, halogen-free, silicone-free, LABS-free
Amount wires (Data)	16
Amount strands wire (Data)	42
Diameter of single wires (Data)	0,1 mm
Conductor crosssection wire (Data)	0,34 mm ²
Material conductor wire (Data)	Stranded copper wire, bare
Wire conductor type (Data)	strand class 6
	500 V
Max. rated voltage (conductor - conductor)	
Max. rated voltage (conductor - ground)	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	9 A
Current load capacity min. Wire (Data)	4 A
Electrical resistance line constant wire	26 Ω/km @ 20 °C
Electrical resistance coating wire (Data)	57 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)	-25 °C
Operating temperature max. (dynamic)	80 °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)	5 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	16
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
	117 7 1

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Product-PDF for Article 8000-58610-4030300



PIN 5	PE
PIN 5	Р