

MVP-METALL, 4XM12, 5POLE, PRE-WIRED CABLE

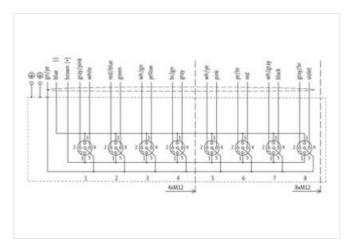
15.0m PUR 8x0,34+3X0.75, UL/CSA

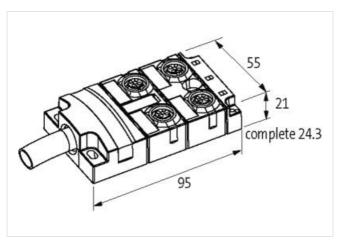
4-way, 5-pole 15.0 m shielded Replaces identical product (Art.No. 27489) without LED, 5-pole (for analog signals) Further cable lengths on request.

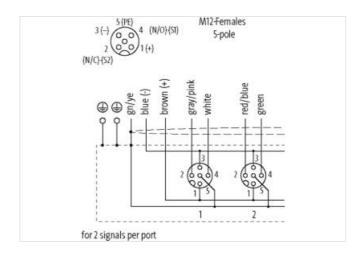
Link to Product

Illustration









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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501 A00 0 0	07410400	
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	4048879351744	
Packaging unit	1	
Electrical data Supply		
Operating voltage AC max.	48 V	
Operating voltage DC max.	48 V	
Current operating per contact max.	4 A	
Installation Connection		
Mounting set	M12 x 1	
Device protection Electrical		
•	IDES IDES IDES	
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	
operating temperature max.	30 0	
Additional condition temperature range	depending on cable quality	
Additional condition temperature range	depending on cable quality	
Installation Cable		
Installation Cable Cable identification	373	
Installation Cable Cable identification Jacket Color	373 gray	
Installation Cable Cable identification Jacket Color Type of Certificate	373 gray cURus	
Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding	373 gray cURus 1	
Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding	373 gray cURus 1 3 wires twisted	
Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Stranding factor min.	373 gray cURus 1 3 wires twisted 43 mm	
Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Stranding factor min. Stranding factor max.	373 gray cURus 1 3 wires twisted 43 mm 43 mm	
Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Stranding factor min. Stranding factor max. Amount stranding (type 2)	373 gray cURus 1 3 wires twisted 43 mm 43 mm 1	
Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Stranding factor min. Stranding factor max. Amount stranding (type 2)	373 gray cURus 1 3 wires twisted 43 mm 43 mm 1 8 wires around Stranding combination counter-rotating twisted	
Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding factor min. (type 2)	373 gray cURus 1 3 wires twisted 43 mm 43 mm 1 8 wires around Stranding combination counter-rotating twisted 90 mm	
Installation Cable Cable identification 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)	373 gray cURus 1 3 wires twisted 43 mm 43 mm 1 8 wires around Stranding combination counter-rotating twisted 90 mm 90 mm	
Installation Cable Cable identification 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) Cable shielding (type)	373 gray cURus 1 3 wires twisted 43 mm 43 mm 1 8 wires around Stranding combination counter-rotating twisted 90 mm 90 mm copper braid, tinned	
Installation Cable Cable identification 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) Cable shielding (type) Cable shielding (coverage)	373 gray cURus 1 3 wires twisted 43 mm 43 mm 1 8 wires around Stranding combination counter-rotating twisted 90 mm 90 mm copper braid, tinned 80 %	
Installation Cable Cable identification 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) Cable shielding (type) Cable shielding (coverage)	373 gray cURus 1 3 wires twisted 43 mm 43 mm 1 8 wires around Stranding combination counter-rotating twisted 90 mm 90 mm copper braid, tinned 80 % Fleece, Foil	
Installation Cable Cable identification 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 min. (type 2) Stranding factor max. (type 2) Cable shielding (type) Cable shielding (coverage) Banding wire arrangement	gray cURus 1 3 wires twisted 43 mm 43 mm 1 8 wires around Stranding combination counter-rotating twisted 90 mm 90 mm copper braid, tinned 80 % Fleece, Foil yellow, white, green, (blue, brown, green-yellow, gray, gray-pink, red-blue, green-white, brown-green)	
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Installation Cable Cable identification 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) Cable shielding (type) Cable shielding (coverage) Banding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation	gray cURus 1 3 wires twisted 43 mm 43 mm 1 8 wires around Stranding combination counter-rotating twisted 90 mm 90 mm copper braid, tinned 80 % Fleece, Foil yellow, white, green, (blue, brown, green-yellow, gray, gray-pink, red-blue, green-white, brown-green) 145,2 g/m PUR 85 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 9,3 mm ± 5 % TPE-E	
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Shore hardness wire insulation	55 Shore D
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free, silicone-free, LABS-free
	42
Amount strands (wire)	0,1 mm
Diameter of single wires	0,34 mm ²
Conductor crosssection (wire) Material conductor wire	•
	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Material wire insulation (Data)	TPE-E
Outer diameter wire insulation (Data)	1,8 mm
Tolerance outer diameter wire insulation (data)	
Shore hardness wire insulation (Data)	55 Shore D
Ingredient freeness wire insulation (Data)	lead-free, CFC-free, halogen-free, silicone-free, LABS-free
Amount wires (Data)	3
Amount strands wire (Data)	96
Diameter of single wires (Data)	0,1 mm
Conductor crosssection wire (Data)	0,75 mm²
Material conductor wire (Data)	Stranded copper wire, bare
Wire conductor type (Data)	strand class 6
Max. rated voltage (conductor - conductor)	500 V
Max. rated voltage (conductor - ground)	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4 A
Current load capacity min. Wire (Data)	12 A
Electrical resistance line constant wire	53 Ω/km @ 20 °C
Electrical resistance coating wire (Data)	26 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	90 °C
Operating temperature min. (dynamic)	-40 °C
Operating temperature max. (dynamic)	90 °C
Flame resistance	UL 1581 § 1090 IEC 60332-2-2 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 (installation)	x Outer diameter
Bending radius (fixed)	x Outer diameter
Bending radius (dynamic)	12 x Outer diameter
Travel speed (C-track)	5 Mio.
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
PIN 5	PE
IIIV	16

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