

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

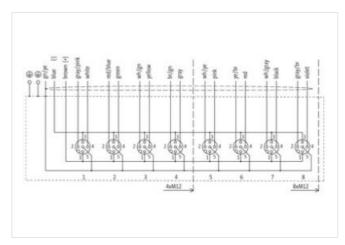
5.0m PUR 16x0,34+3X0.75, UL/CSA

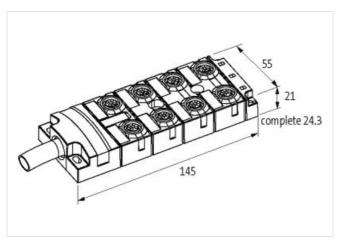
8-way, 5-pole shielded 5.0 m Without LED for analog signals up to 48 V AC/DC Replaces identical product (Art.No. 27517) Further cable lengths on request.

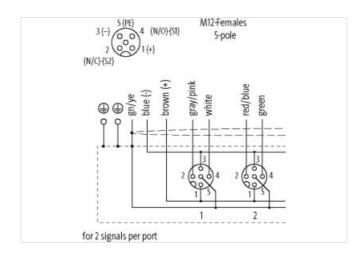
Link to Product

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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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	4048879352543
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	
•	NO. 4
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 Climati	С
Operating temperature min.	-25 °C
Operating temperature max.	90 °C
Additional condition temperature range	depending on cable quality
Installation Cable	
Cable identification	401
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
7 timodrit ottariding	·
Stranding	3 wires twisted
	3 wires twisted 80 mm
Stranding factor min.	80 mm
Stranding Stranding factor min. Stranding factor max. Amount stranding (type 2)	
Stranding factor min. Stranding factor max. Amount stranding (type 2)	80 mm 80 mm 1
Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding (type 2)	80 mm 80 mm
Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding (type 2) Stranding factor min. (type 2)	80 mm 1 16 wires around Stranding combination counter-rotating twisted
Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding (type 2) Stranding factor min. (type 2) Stranding factor max. (type 2)	80 mm 1 16 wires around Stranding combination counter-rotating twisted 120 mm
Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding (type 2) Stranding factor min. (type 2) Stranding factor max. (type 2) Cable shielding (type)	80 mm 1 16 wires around Stranding combination counter-rotating twisted 120 mm 120 mm
Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding (type 2) Stranding factor min. (type 2) Stranding factor max. (type 2) Cable shielding (type) Cable shielding (coverage)	80 mm 1 16 wires around Stranding combination counter-rotating twisted 120 mm 120 mm copper braid, tinned
Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding (type 2) Stranding factor min. (type 2) Stranding factor max. (type 2) Cable shielding (type) Cable shielding (coverage)	80 mm 1 16 wires around Stranding combination counter-rotating twisted 120 mm 120 mm copper braid, tinned 80 %
Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding (type 2) Stranding factor min. (type 2) Stranding factor max. (type 2) Cable shielding (type) Cable shielding (coverage)	80 mm 1 16 wires around Stranding combination counter-rotating twisted 120 mm 120 mm copper braid, tinned 80 % Fleece (gray-pink, violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, brown-green,
Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding (type 2) Stranding factor min. (type 2) Stranding factor max. (type 2) Cable shielding (type) Cable shielding (coverage) Banding wire arrangement Cable weigth	80 mm 1 16 wires around Stranding combination counter-rotating twisted 120 mm 120 mm 120 mm copper braid, tinned 80 % Fleece (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, blue, green-yellow
Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding (type 2) Stranding factor min. (type 2) Stranding factor max. (type 2) Cable shielding (type) Cable shielding (coverage) Banding wire arrangement Cable weigth Material jacket	80 mm 1 16 wires around Stranding combination counter-rotating twisted 120 mm 120 mm copper braid, tinned 80 % Fleece (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, blue, green-yellow 237,6 g/m
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) Cable shielding (type) Cable shielding (coverage) Banding wire arrangement Cable weigth Material jacket Shore hardness jacket	80 mm 1 16 wires around Stranding combination counter-rotating twisted 120 mm 120 mm copper braid, tinned 80 % Fleece (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, blue, green-yellow 237,6 g/m PUR
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)	80 mm 1 16 wires around Stranding combination counter-rotating twisted 120 mm 120 mm copper braid, tinned 80 % Fleece (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, blue, green-yellow 237,6 g/m PUR 94 ± 5 Shore A
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)	80 mm 1 16 wires around Stranding combination counter-rotating twisted 120 mm 120 mm copper braid, tinned 80 % Fleece (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, blue, green-yellow 237,6 g/m PUR 94 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free
Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding (type 2) Stranding factor min. (type 2) Stranding factor max. (type 2) Cable shielding (type) Cable shielding (coverage) Banding wire arrangement	80 mm 1 16 wires around Stranding combination counter-rotating twisted 120 mm 120 mm copper braid, tinned 80 % Fleece (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, blue, green-yellow 237,6 g/m PUR 94 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 11,7 mm
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) 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)	80 mm 1 16 wires around Stranding combination counter-rotating twisted 120 mm 120 mm copper braid, tinned 80 % Fleece (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, blue, green-yellow 237,6 g/m PUR 94 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 11,7 mm ± 5 %



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Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	55 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	96
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,75 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Material wire insulation (Data)	PP
Outer diameter wire insulation (Data)	1,3 mm
Tolerance outer diameter wire insulation (data)	
Shore hardness wire insulation (Data)	55 ± 5 Shore D
Ingredient freeness wire insulation (Data)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-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
Traversing distance (C-track)	1,8 m @ 25 °C horizontal
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	12 A
Current load capacity min. Wire (Data)	4 A
Electrical resistance line constant wire	26 Ω/km @ 20 °C
Electrical resistance coating wire (Data)	53 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 UL 1581 § 1100 FT2 IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (installation)	x Outer diameter
Bending radius (fixed)	10 x Outer diameter
Bending radius (dynamic)	12 x Outer diameter
No. of bending cycles (C-track)	5 Mio. @ 25 °C
Connection type 2	
	free eable and
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	-

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: 2024-05-01

Product-PDF for Article 8000-58515-4010500



PIN 4	NO S 1
PIN 5	PE