

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

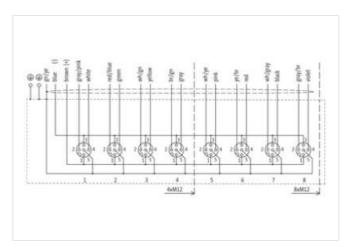
10.0m PUR 8x0,34+3X0.75, UL/CSA

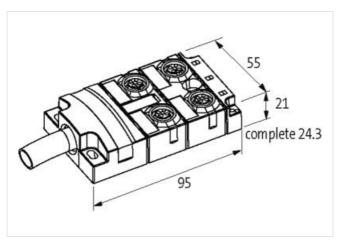
4-way, 5-pole 10.0 m shielded Replaces identical product (Art.No. 27488) without LED, 5-pole (for analog signals) Further cable lengths on request.

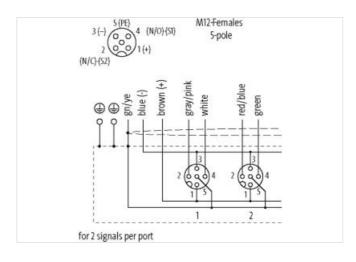
Link to Product

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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=0.400	
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	4048879351737
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	
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
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
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
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 factor min. (type 2)	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 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 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 No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	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) 5 Mio. 145,2 g/m PUR 85 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 9,3 mm ± 5 %
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) Stranding factor min. (type 2) Cable shielding factor max. (type 2) Cable shielding (type) Cable shielding (coverage) Banding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	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) 5 Mio. 145,2 g/m PUR 85 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 9,3 mm



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Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	55 Shore D
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free, silicone-free, LABS-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm ²
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)	±5%
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 mm ²
Material conductor wire (Data)	Stranded copper wire, bare
Wire conductor type (Data)	strand class 6
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
Max. rated voltage power (conductor - ground)	300 V
Max. rated voltage power (conductor - conductor)	500 V
AC withstand voltage power (wire - shield)	2 kV @ 60 s
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	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
Connection type 2	12 A Subst diameter
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

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: 2024-04-27

Product-PDF for Article 8000-54515-3731000



PIN 5	PE
PIN 5	Р