

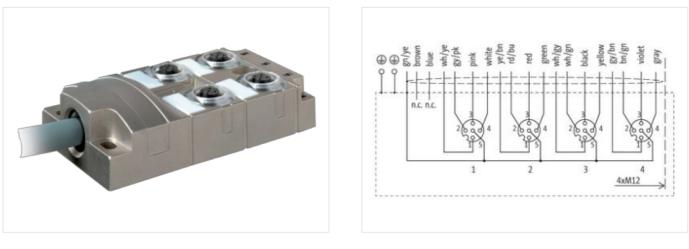
MVP12-METALL, 4XM12, 5-POLE, PRE-WIRED CABLE

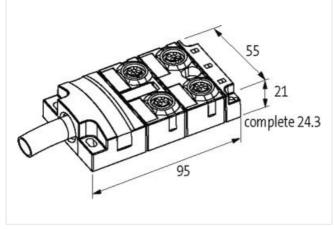
10.0m PUR 16x0,34+3X0.75

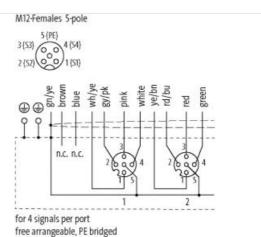
4-way UNIVERSAL, shielded 10.0 m 5-pole, with LED Replaces identical product (Art.No. 27463) Further cable lengths on request.

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	
ECLASS-9.0	27440108	

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: 2024-05-10



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Stranding factor max. (type 2)120 mmCable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleecewire arrangement(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-yellowCable weigth237,6 g/mMaterial jacketPURShore hardness jacket94 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)11,7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation2,6 mmOuter diameter tolerance core insulation± 5 %	Stranding (type 2)	16 wires around Stranding combination counter-rotating twisted
Cable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleecewire arrangement(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-yellowCable weigth237,6 g/mMaterial jacketPURShore hardness jacket94 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)11,7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation2,6 mmOuter diameter tolerance core insulation± 5 %	Stranding factor min. (type 2)	120 mm
Cable shielding (coverage)80 %BandingFleecewire arrangement(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-yellowCable weigth237,6 g/mMaterial jacketPURShore hardness jacket94 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)11,7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation2,6 mmOuter diameter tolerance core insulation± 5 %	Stranding factor max. (type 2)	120 mm
BandingFleecewire arrangement(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-yellowCable weigth237,6 g/mMaterial jacketPURShore hardness jacket94 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)11,7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter tolerance core insulation2,6 mmOuter diameter tolerance core insulation± 5 %	Cable shielding (type)	copper braid, tinned
wire arrangement(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-yellowCable weigth237,6 g/mMaterial jacketPURShore hardness jacket94 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)11,7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation2,6 mmOuter diameter tolerance core insulation± 5 %	Cable shielding (coverage)	80 %
wite an angementyellow, green-white, green, red-blue, white), brown, blue, green-yellowCable weigth237,6 g/mMaterial jacketPURShore hardness jacket94 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)11,7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation2,6 mmOuter diameter tolerance core insulation± 5 %	Banding	Fleece
Material jacketPURShore hardness jacket94 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)11,7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation2,6 mmOuter diameter tolerance core insulation± 5 %	wire arrangement	
Shore hardness jacket94 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)11,7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation2,6 mmOuter diameter tolerance core insulation± 5 %	Cable weigth	237,6 g/m
Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)11,7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation2,6 mmOuter diameter tolerance core insulation± 5 %	Material jacket	PUR
Outer-diameter (jacket)11,7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation2,6 mmOuter diameter tolerance core insulation± 5 %	Shore hardness jacket	94 ± 5 Shore A
Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 2,6 mm Outer diameter tolerance core insulation ± 5 %	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free
Material wire insulation PP Amount wires 3 Outer diameter insulation 2,6 mm Outer diameter tolerance core insulation ± 5 %	Outer-diameter (jacket)	11,7 mm
Amount wires3Outer diameter insulation2,6 mmOuter diameter tolerance core insulation± 5 %	Tolerance outer diameter (sheath)	± 5 %
Outer diameter insulation 2,6 mm Outer diameter tolerance core insulation ± 5 %	Material wire insulation	PP
Outer diameter tolerance core insulation ± 5 %	Amount wires	3
	Outer diameter insulation	2,6 mm
	Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation55 ± 5 Shore D	Shore hardness wire insulation	55 ± 5 Shore D

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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 mm ²
Traversing distance (C-track)	1,8 m @ 25 °C horizontal
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
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)	0° 00
Operating temperature min. (dynamic)	-40 °C
Operating temperature max. (dynamic)	0° 00
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
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	\$1
PIN 2	\$2
PIN 3	\$3
PIN 4	S 4

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