

CAP FOR D-BOX M12 8-WAY 5-POLE

Pot.-sep. 20m PUR/PVC, 16x0,34+5X0.75

for 8-way distribution boxes, 5-pole potentially separated Further cable lengths on request.

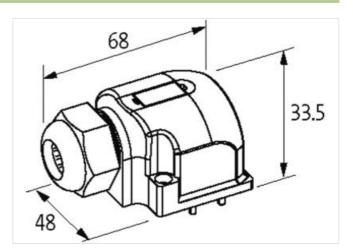
Plastic housings with good resistance against chemicals and oils.

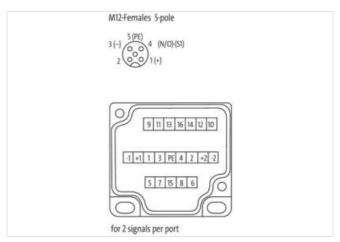
The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product

Illustration







Product may differ from Image



Commercial data		
ECLASS-6.0	27143423	
ECLASS-6.1	27279219	
ECLASS-7.0	27279219	
ECLASS-8.0	27279219	

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: 2024-05-05



stay connected

ECLASS-10.1 27 ECLASS-11.1 27 ECLASS-12.0 27 ETIM-5.0 E customs tariff number 88	7440108 7440108 7440108 7440108 60002585
ECLASS-11.1 27 ECLASS-12.0 27 ETIM-5.0 E customs tariff number 85	7440108 7440108
ECLASS-12.0 27 ETIM-5.0 EC customs tariff number 85	7440108
ETIM-5.0 E0 customs tariff number 85	
customs tariff number 85	C002585
GTIN 41	5444290
	048879053600
Packaging unit 1	
Electrical data Supply	
Total current max. 8	A
Device protection Media	
Flame resistance fla	ame retardant
Mechanical data Material data	
·	
Material housing PI	Plastic
Environmental characteristics Climatic	
Operating temperature min2	20 °C
Operating temperature max. 80	0 °C
Additional condition temperature range de	epending on cable quality
Installation Cable	
STOOW style jacket	lybrid, Signal, Power
	04
Cable Type 2	
 	ray
	URus
Amount stranding 1	
	wires around Core filler twisted
Amount stranding (type 2) 1	
9 (7) -/	6 wires around Stranding combination twisted
wire arrangement bl	lue 1, brown 1, blue 2, brown 2, green-yellow, (green, red-blue, white, gray-pink, violet, brown-gray, black, ray-white, red, brown-yellow, pink, yellow-white, gray, brown-green, yellow, green-white)
	57,87 g/m
	UR
	OIT .
Shore hardness jacket 87	7 ± 5 Shore A
Freedom from ingredients (jacket) le	ead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket) 12	2,5 mm
Tolerance outer diameter (sheath) ±	5 %
	VC
Color (inner jacket) gr	ray
Material wire insulation P	VC
Amount wires 16	6
Outer diameter insulation 1,	,4 mm
Outer diameter tolerance core insulation ±	5 %
Shore hardness wire insulation 55	5 Shore D
Material properties wire insulation go	ood machinability
Ingredient freeness wire insulation le	ead-free, cadmium-free, CFC-free, silicone-free
	9
Amount strands (wire) 19	
	,15 mm
Diameter of single wires 0,	,15 mm ,34 mm ²
Diameter of single wires 0, Conductor crosssection (wire) 0,	
Diameter of single wires 0, Conductor crosssection (wire) 0, Material conductor wire St	,34 mm²
Diameter of single wires 0, Conductor crosssection (wire) 0, Material conductor wire Si Conductor type (wire) Si	,34 mm ² stranded copper wire, bare



Material wire insulation (Power)	PVC
Outer diameter wire insulation (Power)	2,2 mm
Tolerance outer diameter wire insulation (Power)	±5 %
Shore hardness wire insulation (Power)	43±5 Shore D
Material properties wire insulation (Power)	good machinability
Ingredient freeness wire insulation (Power)	lead-free, cadmium-free, CFC-free, silicone-free
Printing colour wire insulation (Power)	white (isolation blue), white (isolation brown)
Amount strands wire (Power)	42
Diameter of single wires (Power)	0,15 mm
Wire conductor cross section (Power)	0,75 mm ²
Material conductor wire (Power)	Stranded copper wire, bare
Conductor type wire (Power)	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	4 A
Loop resistance	7,8 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
Electrical resistance coating wire (Power)	26 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)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 ℃
Operating temperature max. (dynamic)	70 °C
Flame resistance	UL 1581 § 1100 FT2 UL 1581 § 1090 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 (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	2 Mio. @ 25 °C
Connection type 2	
Family construction form	free cable end
No. of poles	21
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