

PASSIVE-DI0° PLASTIC,6XM12.4POL,PRE-WIRED CABLE

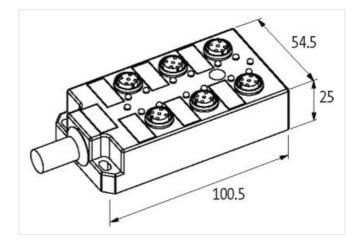
3.0m PUR-JB 6*0,34+3*0,75

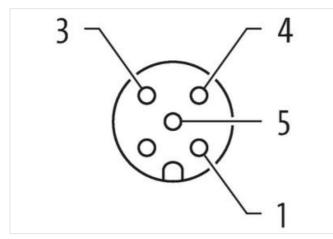
6-way, 4-pole PUR/PVC 3.0 m with LED for digital PNP-signals 24 V DC Further cable lengths on request. Plastic housings with good resistance against chemicals and oils.

Link to Product









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	
ECLASS-10.1	27440108	
ECLASS-11.1	27440108	
ECLASS-12.0	27440108	

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ETIM-5.0	EC002585
customs tariff number	85444290
GTIN	4048879062855
Packaging unit	1
Electrical data Supply	
Operating voltage DC	24 V
Current operating per contact max.	4 A
Total current max.	10 A
Industrial communication	
Number of signals per port	1
Installation Connection	
Mounting set	M12 x 1
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP67
Additional condition protection degree	inserted, screwed
Mechanical data Mounting data	
Mounting method	Schraubaowindo
Height	Schraubgewinde 100,5 mm
Width	54,5 mm
Depth	25 mm
Environmental characteristics Climatic	23 11111
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Operating temperature min.	-20 °C
Operating temperature max.	80 °C
Installation Cable	
Cable identification	355
Cable Type	2
Jacket Color	gray
Type of Certificate	cURus
STOOW style jacket	Hybrid, Signal, Power
Amount stranding	1
Stranding	9 wires around Core filler twisted
Cable shielding (type)	copper braiding, bare
Cable shielding (coverage)	85 %
Filler	yes
wire arrangement	white, green, yellow, gray, pink, red, green-yellow, brown, blue
Cable weigth	124,3 g/m
Material jacket	PUR
Shore hardness jacket	87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free
Freedom from ingredients (jacket)	
Outer-diameter (jacket)	8,5 mm
Tolerance outer diameter (sheath)	±5%
Material inner jacket	PVC
Color (inner jacket)	gray
Material wire insulation	PVC
Amount wires	6 12 mm
Outer diameter insulation	1,3 mm
Outer diameter tolerance core insulation Shore hardness wire insulation	±5%
Material properties wire insulation	43 ± 5 Shore D good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	19

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Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Material wire insulation (Power)	PVC
Outer diameter wire insulation (Power)	1,8 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
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
Traversing distance (C-track)	5 m @ 25 °C
Travel speed (C-track)	3
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 (standard)	4 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
	2 KV @ 60 S
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Loop resistance	7,8 A
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	2° 08
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	70 °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	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Connection type 2	
Family construction form	free cable end
No. of poles	9
Family construction form	M12
Gender	female
Color contact carrier	black
Coding	Α
No. of poles	4
PIN 1	+
PIN 2	n.c.
PIN 3	•
PIN 4	NO S 1
PIN 5	PE

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