

## PASSIVE-DIO° PLASTIC,6XM12,5POL,PRE-WIRED CABLE

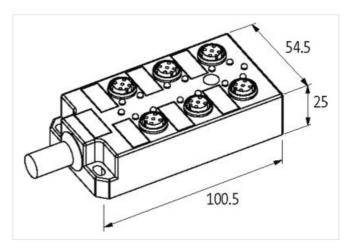
10.0m PUR-JB 12\*0,34+3\*0,75

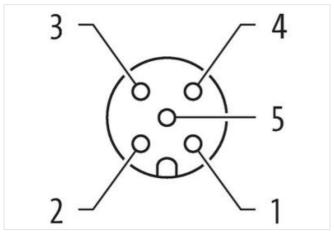
6-way, 5-pole PUR/PVC 10.0 m with LED for digital PNP-signals 24 V DC Further cable lengths on request. Plastic housings with good resistance against chemicals and oils.

## **Link to Product**

## 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	
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	4048879062954
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	2
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	Schraubgewinde
Height	100,5 mm
Width	54.5 mm
Depth	25 mm
Environmental characteristics   Climatic	
·	-20 °C
Operating temperature min.	80 °C
Operating temperature max.	80 °C
Installation   Cable	
STOOW style jacket	Hybrid, Signal, Power
Cable identification	388
Cable Type	2
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
Amount stranding (type 2)	1
Stranding (type 2)	12 wires around Stranding combination twisted blue, brown, green-yellow, (gray-pink, white, red-blue, green, green-white, yellow, brown-green, gray, yellow-
wire arrangement	white, pink, brown-yellow, (gray-pink, write, red-bide, green, green, yellow, brown-green, gray, yellow-
Cable weigth	162,8 g/m
Material jacket	PUR
Shore hardness jacket	87 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	9,2 mm
Tolerance outer diameter (sheath)	±5%
Material inner jacket	PVC
Color (inner jacket)	gray
Material wire insulation	PVC
Amount wires	12
Outer diameter insulation	1,3 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	43 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	19
Diameter of single wires	0,15 mm

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Conductor crosssection (wire)	0.34 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Traversing distance (C-track)	5 m @ 25 °C
Travel speed (C-track)	3
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 mm²
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
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 °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	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	2 1110. @ 20 0
Family construction form	free cable end
No. of poles	15
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