

## PASSIVE-DIO° PLASTIC,4XM12,5POL,PRE-WIRED CABLE

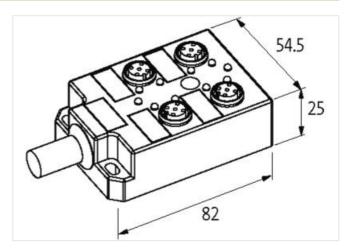
10.0m PUR-JB 8\*0,34+3\*0,75

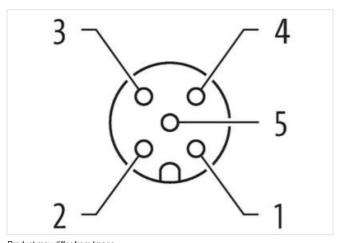
4-way, 5-pole PUR/PVC 10.0 m with LED for digital PNP-signals 24 V DC Further cable lengths on request. Plastic housings with good resistance against chemicals and oils.

## **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	
ECLASS-12.0		

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ETIM-5.0	EC002585
customs tariff number	85444290
GTIN	4048879062992
Packaging unit	1
Electrical data   Supply	
	DA V
Operating voltage DC	24 V
Current operating per contact max.  Total current max.	4 A 10 A
	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	82 mm
Width	54.5 mm
Depth	25 mm
•	23 11111
Environmental characteristics   Climatic	
Operating temperature min.	-20 °C
Operating temperature max.	80 °C
Installation   Cable	
STOOW style jacket	Hybrid, Signal, Power
Cable identification	363
Cable Type	2
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	2 wires with Filler twisted
Amount stranding (type 2)	1
Stranding (type 2)	9 wires around Stranding combination twisted
Cable shielding (type)	copper braiding, bare
Cable shielding (coverage)	85 %
Filler	yes
	<u> </u>
wire arrangement	white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow)
wire arrangement  Cable weigth	white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow) 143 g/m
wire arrangement  Cable weigth  Material jacket	white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow)  143 g/m  PUR
wire arrangement  Cable weigth  Material jacket  Shore hardness jacket	white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow)  143 g/m  PUR  87 ± 5 Shore A
wire arrangement  Cable weigth  Material jacket  Shore hardness jacket  Freedom from ingredients (jacket)	white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow)  143 g/m  PUR  87 ± 5 Shore A  lead-free, cadmium-free, CFC-free, silicone-free
wire arrangement  Cable weigth  Material jacket  Shore hardness jacket  Freedom from ingredients (jacket)  Outer-diameter (jacket)	white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow)  143 g/m  PUR  87 ± 5 Shore A  lead-free, cadmium-free, CFC-free, silicone-free  8,1 mm
wire arrangement  Cable weigth  Material jacket  Shore hardness jacket  Freedom from ingredients (jacket)  Outer-diameter (jacket)  Tolerance outer diameter (sheath)	white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow)  143 g/m  PUR  87 ± 5 Shore A  lead-free, cadmium-free, CFC-free, silicone-free  8,1 mm  ± 5 %
wire arrangement  Cable weigth  Material jacket  Shore hardness jacket  Freedom from ingredients (jacket)  Outer-diameter (jacket)  Tolerance outer diameter (sheath)  Material inner jacket	white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow)  143 g/m  PUR  87 ± 5 Shore A  lead-free, cadmium-free, CFC-free, silicone-free  8,1 mm  ± 5 %  PVC
wire arrangement  Cable weigth  Material jacket  Shore hardness jacket  Freedom from ingredients (jacket)  Outer-diameter (jacket)  Tolerance outer diameter (sheath)  Material inner jacket  Color (inner jacket)	white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow)  143 g/m  PUR  87 ± 5 Shore A  lead-free, cadmium-free, CFC-free, silicone-free  8,1 mm  ± 5 %  PVC  gray
wire arrangement  Cable weigth  Material jacket  Shore hardness jacket  Freedom from ingredients (jacket)  Outer-diameter (jacket)  Tolerance outer diameter (sheath)  Material inner jacket  Color (inner jacket)  Material wire insulation	white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow)  143 g/m  PUR  87 ± 5 Shore A  lead-free, cadmium-free, CFC-free, silicone-free  8,1 mm  ± 5 %  PVC  gray  PVC
wire arrangement  Cable weigth  Material jacket  Shore hardness jacket  Freedom from ingredients (jacket)  Outer-diameter (jacket)  Tolerance outer diameter (sheath)  Material inner jacket  Color (inner jacket)  Material wire insulation  Amount wires	white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow)  143 g/m  PUR  87 ± 5 Shore A  lead-free, cadmium-free, CFC-free, silicone-free  8,1 mm  ± 5 %  PVC  gray  PVC
wire arrangement  Cable weigth  Material jacket  Shore hardness jacket  Freedom from ingredients (jacket)  Outer-diameter (jacket)  Tolerance outer diameter (sheath)  Material inner jacket  Color (inner jacket)  Material wire insulation  Amount wires  Outer diameter insulation	white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow)  143 g/m  PUR  87 ± 5 Shore A  lead-free, cadmium-free, CFC-free, silicone-free  8,1 mm  ± 5 %  PVC  gray  PVC  gray  PVC  8  1,3 mm
wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation	white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow)  143 g/m  PUR  87 ± 5 Shore A  lead-free, cadmium-free, CFC-free, silicone-free  8,1 mm  ± 5 %  PVC  gray  PVC  8  1,3 mm  ± 5 %
wire arrangement  Cable weigth  Material jacket  Shore hardness jacket  Freedom from ingredients (jacket)  Outer-diameter (jacket)  Tolerance outer diameter (sheath)  Material inner jacket  Color (inner jacket)  Material wire insulation  Amount wires  Outer diameter insulation	white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow)  143 g/m  PUR  87 ± 5 Shore A  lead-free, cadmium-free, CFC-free, silicone-free  8,1 mm  ± 5 %  PVC  gray  PVC  gray  PVC  8  1,3 mm



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Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	19
Diameter of single wires	0.15 mm
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)  Tolerance outer diameter wire insulation	1,8 mm
(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)	24
Diameter of single wires (Power)	0,2 mm
Wire conductor cross section (Power)	0,75 mm <sup>2</sup>
Material conductor wire (Power)	Stranded copper wire, bare
Conductor type wire (Power)	Strand class 5
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 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090
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
Travel speed (C-track)	2 Mio. @ 25 °C
Connection type 2	
Family construction form	free cable end
Family construction form  No. of poles	tree cable end
No. of poles	
•	11
No. of poles Family construction form	11 M12 female
No. of poles Family construction form Gender Color contact carrier	11 M12 female black
No. of poles Family construction form Gender Color contact carrier Coding	11 M12 female black A
No. of poles Family construction form Gender Color contact carrier Coding No. of poles	11 M12 female black A 5
No. of poles Family construction form Gender Color contact carrier Coding No. of poles PIN 1	11 M12 female black A 5
No. of poles Family construction form Gender Color contact carrier Coding No. of poles PIN 1 PIN 2	11 M12 female black A 5 + NC S 2
No. of poles Family construction form Gender Color contact carrier Coding No. of poles PIN 1 PIN 2 PIN 3	11 M12 female black A 5 + NC S 2
No. of poles Family construction form Gender Color contact carrier Coding No. of poles PIN 1 PIN 2	11 M12 female black A 5 + NC S 2