

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

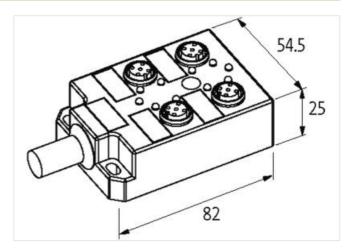
3.0m PUR-JB 8*0,34+3*0,75

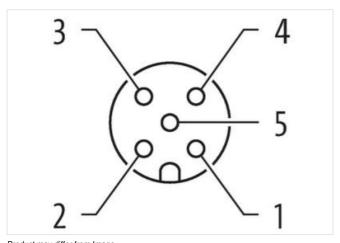
4-way, 5-pole PUR/PVC 3.0 m with LED for digital PNP-signals 24 V DC Further cable lengths on request. Plastic housings with good resistance against chemicals and oils.

Link to Product

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	4048879063012
Packaging unit	1
Electrical data Supply	
	OLV.
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	82 mm
Width	54,5 mm
Depth	25 mm
Environmental characteristics Climatic	
Operating temperature min.	-20 °C
Operating temperature max.	80 °C
Installation Cable	
Cable identification	363
Cable Type	2
Jacket Color	gray
Type of Certificate	cURus
STOOW style jacket	
C. CCTT otylo jacket	Hybrid, Signal, Power
Amount stranding	Hybrid, Signal, Power 1
Amount stranding	1
Amount stranding Stranding	1 2 wires with Filler twisted
Amount stranding Stranding Amount stranding (type 2)	1 2 wires with Filler twisted 1
Amount stranding Stranding Amount stranding (type 2) Stranding (type 2)	1 2 wires with Filler twisted 1 9 wires around Stranding combination twisted
Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Cable shielding (type)	1 2 wires with Filler twisted 1 9 wires around Stranding combination twisted copper braiding, bare
Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Cable shielding (type) Cable shielding (coverage)	1 2 wires with Filler twisted 1 9 wires around Stranding combination twisted copper braiding, bare 85 %
Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Cable shielding (type) Cable shielding (coverage) Filler wire arrangement No. of bending cycles (C-track)	1 2 wires with Filler twisted 1 9 wires around Stranding combination twisted copper braiding, bare 85 % yes white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow) 2 Mio. @ 25 °C
Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Cable shielding (type) Cable shielding (coverage) Filler wire arrangement No. of bending cycles (C-track) Cable weigth	1 2 wires with Filler twisted 1 9 wires around Stranding combination twisted copper braiding, bare 85 % yes white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow) 2 Mio. @ 25 °C 143 g/m
Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Cable shielding (type) Cable shielding (coverage) Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket	1 2 wires with Filler twisted 1 9 wires around Stranding combination twisted copper braiding, bare 85 % yes white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow) 2 Mio. @ 25 °C 143 g/m PUR
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Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Cable shielding (type) Cable shielding (coverage) Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	1 2 wires with Filler twisted 1 9 wires around Stranding combination twisted copper braiding, bare 85 % yes white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow) 2 Mio. @ 25 °C 143 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free
Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Cable shielding (type) Cable shielding (coverage) Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	1 2 wires with Filler twisted 1 9 wires around Stranding combination twisted copper braiding, bare 85 % yes white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow) 2 Mio. @ 25 °C 143 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 8,1 mm
Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Cable shielding (type) Cable shielding (coverage) Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	1 2 wires with Filler twisted 1 9 wires around Stranding combination twisted copper braiding, bare 85 % yes white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow) 2 Mio. @ 25 °C 143 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 8,1 mm ± 5 %
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Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Cable shielding (type) Cable shielding (coverage) Filler wire arrangement No. of bending cycles (C-track) 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	1 2 wires with Filler twisted 1 9 wires around Stranding combination twisted copper braiding, bare 85 % yes white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow) 2 Mio. @ 25 °C 143 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 8,1 mm ± 5 % PVC gray PVC
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Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Cable shielding (type) Cable shielding (coverage) Filler wire arrangement No. of bending cycles (C-track) 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	1 2 wires with Filler twisted 1 9 wires around Stranding combination twisted copper braiding, bare 85 % yes white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow) 2 Mio. @ 25 °C 143 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 8,1 mm ± 5 % PVC gray PVC



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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
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 wires (Power)	3
Amount strands wire (Power)	24
Diameter of single wires (Power)	0,2 mm
Wire conductor cross section (Power)	0,75 mm ²
Material conductor wire (Power)	Stranded copper wire, bare
Conductor type wire (Power)	Strand class 5
Traversing distance (C-track)	5 m @ 25 °C
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
Electrical resistance coating wire (Power)	26 Ω/km @20 °C
Loop resistance	7,8 A
Max. rated voltage power (conductor - ground)	300 V
Max. rated voltage power (conductor - conductor)	300 V
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	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 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
Connection type 2	
Family construction form	free cable end
No. of poles	11
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

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Product-PDF for Article 27832

