

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

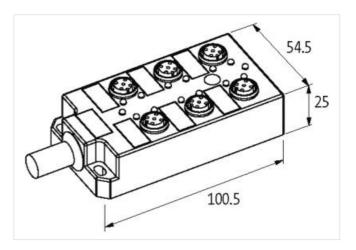
3.0m PUR-JB 6*0,34+3*0,75

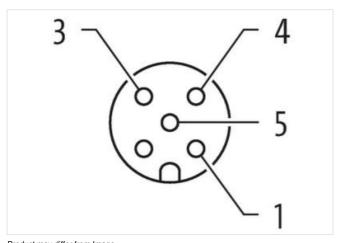
6-way, 4-pole PUR/PVC 3.0 m with LED for digital PNP-signals 24 V DC Further cable lengths on request. Plastic housings with good resistance against chemicals and oils.

Link to Product

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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Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-20



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ETIM-5.0	EC002585
customs tariff number	85444290
GTIN	4048879062855
Packaging unit	1
Electrical data Supply	
	O4 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	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	
, ,	Cabraubaauinda
Mounting method	Schraubgewinde
Height Width	100,5 mm 54.5 mm
	·
Depth	25 mm
Environmental characteristics Climatic	
Operating temperature min.	-20 °C
Operating temperature max.	80 °C
Installation Cable	
Cable identification	355
Cable Type	2
Jacket Color	
Jacket COIDI	gray
Type of Certificate	gray cURus
Type of Certificate	cURus
Type of Certificate STOOW style jacket	cURus Hybrid, Signal, Power
Type of Certificate STOOW style jacket Amount stranding	cURus Hybrid, Signal, Power 1
Type of Certificate STOOW style jacket Amount stranding Stranding Cable shielding (type) Cable shielding (coverage)	cURus Hybrid, Signal, Power 1 9 wires around Core filler twisted
Type of Certificate STOOW style jacket Amount stranding Stranding Cable shielding (type)	cURus Hybrid, Signal, Power 1 9 wires around Core filler twisted copper braiding, bare 85 % yes
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Type of Certificate STOOW style jacket Amount stranding Stranding Cable shielding (type) Cable shielding (coverage) Filler wire arrangement No. of bending cycles (C-track)	cURus Hybrid, Signal, Power 1 9 wires around Core filler twisted copper braiding, bare 85 % yes white, green, yellow, gray, pink, red, green-yellow, brown, blue 2 Mio. @ 25 °C
Type of Certificate STOOW style jacket Amount stranding Stranding Cable shielding (type) Cable shielding (coverage) Filler wire arrangement No. of bending cycles (C-track) Cable weigth	cURus Hybrid, Signal, Power 1 9 wires around Core filler twisted copper braiding, bare 85 % yes white, green, yellow, gray, pink, red, green-yellow, brown, blue 2 Mio. @ 25 °C 124,3 g/m
Type of Certificate STOOW style jacket Amount stranding Stranding Cable shielding (type) Cable shielding (coverage) Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket	cURus Hybrid, Signal, Power 1 9 wires around Core filler twisted copper braiding, bare 85 % yes white, green, yellow, gray, pink, red, green-yellow, brown, blue 2 Mio. @ 25 °C 124,3 g/m PUR
Type of Certificate STOOW style jacket Amount stranding Stranding Cable shielding (type) Cable shielding (coverage) Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket	cURus Hybrid, Signal, Power 1 9 wires around Core filler twisted copper braiding, bare 85 % yes white, green, yellow, gray, pink, red, green-yellow, brown, blue 2 Mio. @ 25 °C 124,3 g/m PUR 87 ± 5 Shore A
Type of Certificate STOOW style jacket Amount stranding Stranding 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)	cURus Hybrid, Signal, Power 1 9 wires around Core filler twisted copper braiding, bare 85 % yes white, green, yellow, gray, pink, red, green-yellow, brown, blue 2 Mio. @ 25 °C 124,3 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free
Type of Certificate STOOW style jacket Amount stranding Stranding 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)	cURus Hybrid, Signal, Power 1 9 wires around Core filler twisted copper braiding, bare 85 % yes white, green, yellow, gray, pink, red, green-yellow, brown, blue 2 Mio. @ 25 °C 124,3 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 8,5 mm
Type of Certificate STOOW style jacket Amount stranding Stranding 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)	cURus Hybrid, Signal, Power 1 9 wires around Core filler twisted copper braiding, bare 85 % yes white, green, yellow, gray, pink, red, green-yellow, brown, blue 2 Mio. @ 25 °C 124,3 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 8,5 mm ± 5 %
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Type of Certificate STOOW style jacket Amount stranding Stranding 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)	cURus Hybrid, Signal, Power 1 9 wires around Core filler twisted copper braiding, bare 85 % yes white, green, yellow, gray, pink, red, green-yellow, brown, blue 2 Mio. @ 25 °C 124,3 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 8,5 mm ± 5 % PVC gray
Type of Certificate STOOW style jacket Amount stranding Stranding 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	cURus Hybrid, Signal, Power 1 9 wires around Core filler twisted copper braiding, bare 85 % yes white, green, yellow, gray, pink, red, green-yellow, brown, blue 2 Mio. @ 25 °C 124,3 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 8,5 mm ± 5 % PVC gray PVC
Type of Certificate STOOW style jacket Amount stranding Stranding 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	cURus Hybrid, Signal, Power 1 9 wires around Core filler twisted copper braiding, bare 85 % yes white, green, yellow, gray, pink, red, green-yellow, brown, blue 2 Mio. @ 25 °C 124,3 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 8,5 mm ± 5 % PVC gray PVC 6
Type of Certificate STOOW style jacket Amount stranding Stranding 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 Outer diameter insulation	cURus Hybrid, Signal, Power 1 9 wires around Core filler twisted copper braiding, bare 85 % yes white, green, yellow, gray, pink, red, green-yellow, brown, blue 2 Mio. @ 25 °C 124,3 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 8,5 mm ± 5 % PVC gray PVC 6 1,3 mm
Type of Certificate STOOW style jacket Amount stranding Stranding 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 Outer diameter tolerance core insulation	cURus Hybrid, Signal, Power 1 9 wires around Core filler twisted copper braiding, bare 85 % yes white, green, yellow, gray, pink, red, green-yellow, brown, blue 2 Mio. @ 25 °C 124,3 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 8,5 mm ± 5 % PVC gray PVC 6 1,3 mm ± 5 %
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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	1,0 11111
(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)	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
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 - ground)	500 V
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 °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
Connection type 2	
Family construction form	free cable end
No. of poles	9
Family construction form	M12
Gender	female
Color contact carrier	black
Coding	A
No. of poles	4
PIN 1	+
PIN 2	n.c.
PIN 3	-
PIN 4	NO S 1
PIN 5	PE
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