

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

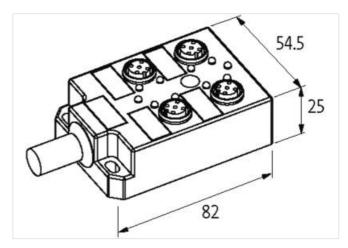
15.0m PUR-JB 8*0,34+3*0,75

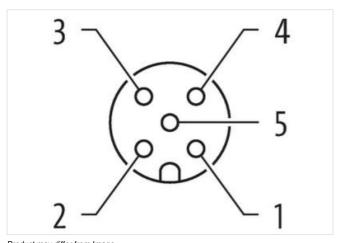
4-way, 5-pole PUR/PVC 15.0 m with LED for digital PNP-signals 24 V DC Further cable lengths on request. Plastic housings with good resistance against chemicals and oils.

Link to Product

Illustration







Product may differ from Image

27279219	
27279219	
27279219	
27279219	
27440108	
27440108	
27440108	
27440108	
	27279219 27279219 27279219 27440108 27440108 27440108

The information in this Product-PDF has been compiled with the utmost care.
Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-04



stay connected

Electrical data Supply 24 V Operating port contact max. 4 A Total current max. 10 A Industrial communication Industrial communication Number of signals per port 2 Installation Connection Installation Connection Device protection Electrical Degree of protection (EN IEC 60529) IP67 Additional condition protection degree Instread, screwed Mechanical data Mounting data MERITARIA (Mounting data Width 54,5 mm Depth 25 mm Environmental characteristics Climatic Operating temperature min. 20 °C Operating temperature max. 80 °C Installation Cable STOOW style jacket Hybrid, Signal, Power Cable indinication 363 Stranding (yee) 2 Jacket Color gray Type of Certificate current with	ETIM-5.0	EC002585
Reskrating for unit 1 Electrical data (Supply) Current operating per context max. 4 A Current operating per context max. 10 A Indicatorial communication Number of signals per port 2 Installation Connection Mounting get more of protection Electrical Degree of protection Electrical Degree of protection Electrical Supplementation Electrical Mounting method \$6.058.99 P8.7 Mechanical data Mounting data Mounting method \$6.7 mm Holy of proper plan 28 mm Environmental characteristics Climatic Operating sproprature max. 80 °C Environmental characteristics Climatic Environmental characteristics Climatic Environmental characteristics Climatic Environmental characteristics Climatic Environmental characteristics Climatic 80 °C Environmental characteristics Climatic <t< td=""><td>customs tariff number</td><td>85444290</td></t<>	customs tariff number	85444290
Electrical data Supply Operating voltage DC 24 V Current operating per contact max. 4 A Total current max. 10 A Industrial communication Industrial communication Number of signals per port 2 Installation Connection Mounting set Mounting per port colon Electrical Processor Proceeding Processor	GTIN	4048879062985
Operating voltage DC 24 V Current operating per contract max. 4 A Total current max. 10 A Industrial communication V Number of signals per port 2 Installation Connection M12 x 1 Device protection Electrical PP Degree of protection Electrical PP67 Additional condition protection degree Inserted, screwed Mechanical data Mounting data Mounting method Mechanical data Mounting data Schraubgewinde Width 54,5 mm Depth 25 mm Environmental characteristics Climatic Connection Width 54,5 mm Operating temperature max. 80 °C Installation Cable Signal, Power Cable internation 303 Cable internation 303 Cable internation 303 Cable internation Cable current per per certificate cull wise with Filter twinted Amount stranding 1 Stranding (type 2) 1 Stranding (type 2) 9 wives around	Packaging unit	1
Operating voltage DC 24 V Current operating per contract max. 4 A Total current max. 10 A Industrial communication V Number of signals per port 2 Installation Connection M12 x 1 Device protection Electrical PP Degree of protection Electrical PP67 Additional condition protection degree Inserted, screwed Mechanical data Mounting data Mounting method Mechanical data Mounting data Schraubgewinde Width 54,5 mm Depth 25 mm Environmental characteristics Climatic Connection Width 54,5 mm Operating temperature max. 80 °C Installation Cable Signal, Power Cable internation 303 Cable internation 303 Cable internation 303 Cable internation Cable current per per certificate cull wise with Filter twinted Amount stranding 1 Stranding (type 2) 1 Stranding (type 2) 9 wives around	Electrical data Supply	
Ournet operating per contact max. 10 A Total current max. 10 A Industrial communication Including Communication Number of signals per pert 2 Installation Connection Installation Connection Connection		24.V
Total current max		
Industrial communication Industrial communication Number of signals per port 2 Installation Connection M12 x 1 Device protection [EN IEC 60529) IP67 Additional condition protection degree inserted, screwed Mechanical data [Mounting data Webchanical data [Mounting data Mechanical data [Mounting data Webchanical data [Mounting data Width 54.5 mm Depth 25 mm Environmental characteristics [Climatic Operating temperature min. 20 °C Operating temperature max. 80 °C Cable Stroke [Acide identification] 363 Cable (identification) 363 <td></td> <td></td>		
Number of signals per port 2 Installation Connection Mounting set M12 x 1 Degree of protection (Electrical) Post Protection (Electrical) Degree of protection (EN IEC 6052s) IP67 Additional condition protection degree inserted, screwed Mechanical data Mounting data Mounting method Mechanical data Mounting data Mechanical data Mounting data Width 54,5 mm Depth 25 mm Environmental characteristics Climatic Climatic Operating temperature min. 40 °C Operating temperature min. 40 °C Operating temperature max. 80 °C Institution Cable STOOW style jacket Hybrid, Signal, Powor Cable identification 363 3 Cable in Type 2 2 Stood (activities and properature max. 363 3 Cable in Type 2 1 Storage (my per		10 A
Installation Connection Mil2 x 1		
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 Height 82 mm Under Michanical characteristics Climatic Commendation of the protection of the protecti	Number of signals per port	2
Device protection (EN IEC 60829) IP67 Additional condition protection degree inserted, screwed Mechanical date Mounting date Mechanical date Mounting method Schraubgewinde Height 82 mm Mounting method Schraubgewinde Bepth 25 mm Mounting method Sch 5 mm Pepth 25 mm Mounting method Sch 5 mm Stood pepth dependence max 80 °C Cold 5 mm Stood pepth dependence max 80 °C Cold 5 mm Stood Stood pepth dependence max 81 stood 5 mm Sch 5 mm Stood Type of Certificate Culfus	Installation Connection	
Degree of protection (EN IEC 60529) IP67 Additional condition protection degree inserted, screwed Mechanical datal Mounting data Schraubgewinde Height 82 mm Width 54,5 mm Depth 25 mm Environmental characteristics Climatic Very Company of the program of the prog	Mounting set	M12 x 1
Degree of protection (EN IEC 60529) IP67 Additional condition protection degree inserted, screwed Mechanical datal Mounting data Schraubgewinde Height 82 mm Width 54,5 mm Depth 25 mm Environmental characteristics Climatic Very Company of the program of the prog	Device protection Electrical	
Additional condition protection degree inserted, screwed Mechanical data Mounting method Schraubgewinde Height 82 mm Width 54,5 mm Dopth 20 mm Width 54,5 mm Dopth 20 mm Environmental characteristics Climater Coperating temperature min. 20 °C Operating temperature max. 80 °C Installation Cable Temperature max. 80 °C STOOM style jacket Hybrid, Signal, Power Cable identification 363 Cable identification 363 Cable identification 363 Cable of Type 2 Jacket Cobor gray Type of Certificate cURus Amount stranding 1 Stranding 2 wires with Filler Invisted Amount stranding (type 2) 9 wires around Stranding combination twisted Cable shielding (type) copper braiding, bare Cable shielding (type) copper braiding, bare Cable shielding (type) pus		ID67
Mounting method Schraubgewinde Height 82 mm Width 54,5 mm Depth 25 mm Environmental characteristics Climatte Operating temperature min. 20 °C Operating temperature max. 80 °C Installation Cable Whird, Signal, Power Cable identification 363 Cable identification 363 Cable identification 363 Cable Type 2 Jackel Color gray Type of Certificate cURus Amount stranding 1 Stranding (type 2) 1 Stranding (type 2) 1 Stranding (type 2) 9 wires around Stranding combination twisted Cable shielding (type) coppor braiding, bare Cable shielding (type) coppor braiding, bare Cable shielding (coverage) 85 % Filler yes wire arrangement white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow) Cable weight 143 gm		
Mounting method Schraubgewinde Height 82 mm Width 54,5 mm Depth 25 mm Environmental characteristics Climatic Operating temperature min. -20 °C Toptalitation Cable Verification STOOM style jacket Hybrid, Signal, Power Cable identification 363 Cable identification 363 Cable identification 363 Cable Strong L Type of Certificate Cuffus Amount stranding 1 Stranding 2 wires with Filler twisted Amount stranding (type 2) 9 wires around Stranding combination twisted Cable shielding (type) opport braiding, bare Cable shielding (type) opport braiding, bare Cable shielding (type) opport braiding, bare Cable weight 143 gm Material jacket PUR S		niserted, solewed
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 Total properature max. STOOW style jacket Hybrid, Signal, Power Cable identification 363 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 2) 9 wires around Stranding combination twisted Cable shielding (coverage) 85 % Filler yes wire arrangement white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow) Cable weight 14	, ,	
Width 54,5 mm Depth 25 mm Environmental characteristics Climatic 20 °C Operating temperature min. 20 °C Operating temperature max. 80 °C Installation Cable Western the programment of the programment o		
Depith 25 mm 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 Officeriticate 2 Jacket Color gray Type of Certificate CURus Amount stranding 1 Stranding (Mype 2) 2 Stranding (type 2) 9 wires around Stranding combination twisted Cable shielding (type) copper braiding, bare Cable shielding (coverage) 85 % Filler yes View are arrangement white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow) Cable weight 143 g/m Material jacket PUR Shore hardness jacket PUR Color (inner jacket) 9.1 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Amount wires 8 Outer diameter tol		
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 17ype 2 Jacket Color gray Type of Certificate CURus Amount stranding 1 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 wire arrangement white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow) Cable weigh 143 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) 8,1 mm Tolorer (inner jacket) gray Material inner jacket PVC Color (inner jac		- 17
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 (ype 2) 1 Stranding (type 2) 9 wires around Stranding combination twisted Cable shielding (type) copper braiding, bare Cable shielding (coverage) 85 % Filler yes wire arrangement white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow) Cable weigth 143 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) 9.1 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Color (inner jacket) gray Material wir	Depth	25 mm
Operating temperature max. 80 °C Installation Cable STOOW style jacket Hybrid, Signal, Power Cable (dentification) 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 (coverage) 85 % Filler yes wire arrangement white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow) Cable shield jacket PUR Material jacket PUR Shore hardness jacket PT ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 8.1 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Color (inner jacket) gray Material wire insulation 1,3 mm Outer dia	Environmental characteristics Climatic	
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 wire arrangement white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow) Cable weight 143 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) 8,1 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Color (inner jacket) gray Material wire insulation PVC	Operating temperature min.	-20 °C
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 wire arrangement white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow) Cable weight 143 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) 8,1 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Color (inner jacket) gray Material wire insulation PVC Amount wires 8	Operating temperature max.	80 °C
Cable Intype 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 wire arrangement white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow) Cable weigth 143 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) 8,1 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Color (inner jacket) gray Material wire insulation PVC Color (inner jacket) gray Material wire insulation 1,3 mm Outer diameter tolerance core insulation ± 5 %	Installation Cable	
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 wire arrangement white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow) Cable weight 143 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) 8,1 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Color (inner jacket) gray Material wire insulation PVC Amount wires 8 Outer diameter tolerance core insulation 1,3 mm Outer diameter tolerance core insulation ± 5 Shore	STOOW style jacket	Hybrid, Signal, Power
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 wire arrangement white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow) Cable weigth 143 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) 8,1 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Color (inner jacket) gray Material wire insulation PVC Amount wires 8 Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D	Cable identification	363
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 wire arrangement white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow) Cable weigth 143 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) 81,1 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Color (inner jacket) gray Material wire insulation PVC Amount wires 8 Outer diameter insulation 1,3 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D	Cable Type	2
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 wire arrangement white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow) Cable weigth 143 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) 8,1 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Color (inner jacket) gray Material wire insulation PVC Amount wires 8 Outer diameter insulation 1,3 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D	Jacket Color	gray
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 wire arrangement white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow) Cable weigth 143 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) 8,1 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Color (inner jacket) gray Material wire insulation PVC Amount wires 8 Outer diameter insulation 1,3 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D	Type of Certificate	cURus
Amount stranding (type 2) Stranding (type 2) 9 wires around Stranding combination twisted Cable shielding (type) copper braiding, bare Cable shielding (coverage) 85 % Filler yes wire arrangement white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow) Cable weigth 143 g/m Material jacket PUR Shore hardness jacket 87 ± 5 Shore A Freedom from ingredients (jacket) Outer-diameter (jacket) Material inner jacket Material inner jacket PVC Color (inner jacket) gray Material wire insulation PVC Amount wires 8 Outer diameter insulation 1,3 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D	Amount stranding	1
Stranding (type 2) 9 wires around Stranding combination twisted Cable shielding (type) copper braiding, bare Cable shielding (coverage) 85 % Filler yes wire arrangement white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow) Cable weigth 143 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) 8,1 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Color (inner jacket) gray Material wire insulation PVC Amount wires 8 Outer diameter rolerance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D	Stranding	2 wires with Filler twisted
Cable shielding (type) copper braiding, bare Cable shielding (coverage) 85 % Filler yes wire arrangement white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow) Cable weigth 143 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) 8,1 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Color (inner jacket) gray Material wire insulation PVC Amount wires 8 Outer diameter insulation 1,3 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D	Amount stranding (type 2)	1
Cable shielding (coverage) 85 % Filler yes wire arrangement white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow) Cable weigth 143 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) 8,1 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Color (inner jacket) gray Material wire insulation PVC Amount wires 8 Outer diameter insulation 1,3 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D	Stranding (type 2)	9 wires around Stranding combination twisted
Filler yes wire arrangement white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow) Cable weigth 143 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) 8,1 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Color (inner jacket) gray Material wire insulation PVC Amount wires 8 Outer diameter insulation 1,3 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D	Cable shielding (type)	copper braiding, bare
wire arrangement white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow) Cable weigth 143 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) 8,1 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Color (inner jacket) gray Material wire insulation PVC Amount wires 8 Outer diameter insulation 1,3 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D	Cable shielding (coverage)	85 %
Cable weigth 143 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) 8,1 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Color (inner jacket) gray Material wire insulation PVC Amount wires 8 Outer diameter insulation 1,3 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D	Filler	•
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) 8,1 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Color (inner jacket) gray Material wire insulation PVC Amount wires 8 Outer diameter insulation 1,3 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D	wire arrangement	white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow)
Shore hardness jacket 87 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 8,1 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Color (inner jacket) gray Material wire insulation PVC Amount wires 8 Outer diameter insulation 1,3 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D		-
Freedom from ingredients (jacket) Outer-diameter (jacket) 8,1 mm Tolerance outer diameter (sheath) 45 % Material inner jacket PVC Color (inner jacket) gray Material wire insulation PVC Amount wires 8 Outer diameter insulation 1,3 mm Outer diameter tolerance core insulation 43 ± 5 Shore D		
Outer-diameter (jacket) 8,1 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Color (inner jacket) gray Material wire insulation PVC Amount wires 8 Outer diameter insulation 1,3 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D		87 ± 5 Shore A
Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Color (inner jacket) gray Material wire insulation PVC Amount wires 8 Outer diameter insulation 1,3 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D	Freedom from ingredients (jacket)	
Material inner jacket PVC Color (inner jacket) gray Material wire insulation PVC Amount wires 8 Outer diameter insulation 1,3 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D		
Color (inner jacket) gray Material wire insulation PVC Amount wires 8 Outer diameter insulation 1,3 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D		
Material wire insulation PVC Amount wires 8 Outer diameter insulation 1,3 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D		PVC
Amount wires 8 Outer diameter insulation 1,3 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D		
Outer diameter insulation 1,3 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D		
Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D	Amount wires	
Shore hardness wire insulation 43 ± 5 Shore D		
Material properties wire insulation good machinability		
	Material properties wire insulation	good machinability



stay connected

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)	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)	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
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
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
	1002
PIN 3	-
PIN 4	NOS1
PIN 5	PE

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-04