

MVP12, 4XM12, 5POLE, PLUGGABLE CABLE

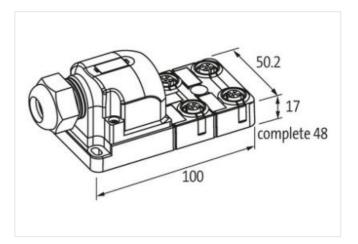
5.0m PUR/PVC 8x0,34+3x0,75

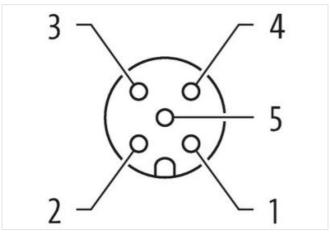
4-way, 5-pole PUR/PVC 5.0 m with LED for digital PNP-signals 24 V DC Further cable lengths on request. Plastic housings with good resistance against chemicals and oils.

Link to Product

Illustration







Product may differ from Image





Commercial data	
ECLASS-6.0	27279219
ECLASS-6.1	27279219
ECLASS-7.0	27279219



stay connected

EGLASS 9.0 27440108 EGLASS 10.1 27440108 EGLASS 11.1 27440108 EGLASS 12.0 27440108 EGLASS 12.0 27440108 EGLASS 17.1 45298910 GTIN 4548875064538 Packaging unit 1 Electrical data Supply 24 V Opprating voltage DG 24 V Opprating voltage DG mix 18 V Opprating voltage DG mix 30 V Current operating port contact max. 4 A Total current max. 8 A Installation Connection MI2 x I Mounting set MI2 x I Device protection Electrical P86, P87 Degree of protection (SM IEC 80589) P86, P87 Additional confiden protection degree Inserted, screwed Device protection Media Inserted, screwed Perice protection Media Inserted, screwed Perice protection Media Inserted, screwed Device protection Media Inserted, screwed Device protection Media Inserted, screwed		
ECLASS 11.1 27440108 ECLASS 11.1 27440108 ECLASS 11.1 27440108 ECLASS 12.0 27440108 ETIMA 5.0 ECLOSS65 ETIMA	ECLASS-8.0	27279219
ECLASS-11.1 27440108 ECLASS-12.0 27440108 ECLASS-12.0 ECO2585 customs tantif number 85,98010 GTIN 40487904538 Packaging unta 1 Electrical fata Supply Operating voltage DC 24 V Operating voltage DC 30 V Operating voltage DC 700, 30 V Operating voltage DC 700, 30 V Operating voltage DC 700, 30 V Ourrent operating per contact max. 4 A Total current max. 8 A Industrial communication Number of signals per port 2 Installation Connection Mounting seat		
EGLASS-120 27440108 ETIM 5 0 E0002985 customs tardif number 8536010 GTIN 404877964538 Aeskaging unit 1 Electrical data Supply Operating voltage DC 24 V Operating voltage DC min. 30 V Operating voltage DC max. 30 V Operating voltage pc ornute max. 8 A Industrial communication 4 A Number of signate per ornute max. 8 A Industrial communication V Number of signate per ort 2 Installation Connection Multi-x 1 Mounting set MT2 x 1 Degree of protection Electrical V Degree of protection Electrical P8 F Pactional condition protection oegree Inserted, sorewed Device protection Heaterial Immeretal sorewed Makerial housing P8 T Makerial data Material data Material housing Mechanical data Material data Material housing Weld principles P8 T Multi-yallow principles P8 T		
ETIM 5.0 ECOGR95 TOTN		
customs tariff number 85589010 GTIN 404873964538 Aerokinging unit 1 Electrical data Supply Operating voltage DC 24 V Operating voltage DC min. 18 V Operating voltage DC max. 3 V Total current max. 8 A Industrial communication V Number of signals per per per 2 Installation Connection M12 X Mounting set M12 X Device protection Electrical PEG Device protection Electrical PEG Device protection Media Inserted, screwed Device protection Media Inserted, screwed Michanical data Munting data Mine retardant Mine perature min. 50 × 20 × 20 × 20 × 20 × 20 × 20 × 20 ×		
CTIN 4048879645589 Packaging unit 1 Electrical fals Supply Coperating voltage DC 24 V Operating voltage DC min. 18 V Operating voltage DC min. 18 V Operating voltage DC min. 30 V Operating voltage DC min. 18 V Current operating per contact max. 4 A A Operating voltage DC min. 8 N Industrial communication Number of signals per port 2 Perinal Communication Perinal Communication Number of signals per port 2 Perinal Communication Perinal		
Packaging unit 1 Electrical data Supply 44 V Operating voltage DC min. 18 V Operating voltage DC min. 18 V Operating voltage pc manace max. 4 A Total current max. 8 A Industrial communication Wear management Number of signals per port 2 Installation Connection Mounting set M12 x 1 Device protection Electrical Per Protection Per P		
Electrical data Supply 24 V Operating voltage DC min. 18 V Operating voltage DC max. 30 V Current operating per contact max. 4 A Total current max. 8 A Industrial communication Industrial communication Number of signals per port 2 Installation Connection Industrial communication Number of protection Electrical Industrial communication Device protection Electrical Industrial communication Device protection Electrical Industrial communication (EN IEC 60529) PBS, IPB7 Industrial communication (EN IEC 60529) PB (PBS, IPB7) Industrial communication (EN IEC 60529) PB (PBS, IPB7) Industrial communication (EN IEC 60529) PB (PBS, IPB7) Industrial Communication (EN IEC 60529) Mechanical data Material communication (EN IEC 60529) IPBS, IPB7 Mechanical data Material communication (EN IEC 60529) PBT Mechanical data Material communication (EN IEC 60529) IPB (PBS, IPB7) Mechanical data Material communication (EN IEC 60529) PBT Mechanical data Mounting data IPB (PBS, IPB7)		
Operating voltage DC min. 18 V Operating voltage DC min. 18 V Operating voltage DC min. 18 V Current operating per contact max. 4 A Total current max. 8 A Industrial communication Image: Communication of Signals per port 2 Installation Connection Image: Connection of Signals per port 2 Degree of protection Electrical Will x x 1 Degree of protection (EN IEC 60529) IP65, IP87 Additional condition protection degree Inserted, screwed Device protection IEG IEG Plame resistance flame returdant Machanical data Material data Material housing Machanical data Mounting data PBT Machanical data Mounting data Schraubgewinde Height 100 mm Wouth 50.2 mm Depth 17 mm Environmental characteristics Climatic Coperating temperature min. Operating temperature min. 20 °C Operating temperature min. 20 °C Operating temperature min. 20 °C <		1
Operating voltage DC min. 18 V Operating voltage DC max. 30 V Carrent operating per contact max. 4 A Total current max. 8 A Industrial communication Investigation of Signals per port Installation Connection Value of Signals per port Begree of protection Electrical Device protection Electrical Degree of protection Electrical Degree of protection Modis Page of protection Modis Inserted, screwed Part resistance flame retardant Mechanical data Mounting data Mounting method Mechanical data Mounting data Mounting method Medig 10 mm 50.2 mm Width 50.2 mm Deprin 17 mm Environmental characteristics Climatic Operating temperature min. -20 °C Operating temperature max. 80 °C Gabie identification Gabie Gabie identification Gabie Gabie (dentification Gabie Gabie identification Gabie Gabie speech Lybrid. Signal. Power Amount stranding (type 2) 1 St	Electrical data Supply	
Operating voltage DC max. 30 V Current operating per contact max. 4 A Total current max. 8 A Industrial communication Industrial communication Number of signals per port 2 Installation Connection Industrial Communication Mounting set M12 x 1 Device protection Electrical Inserted, screwed Device protection (Mile) Inserted, screwed Device protection Molia PBT Machanical data Material data Material Nousing Machanical data Mounting data PBT Machanical data Mounting data PBT Mile Mounting method Schraubgewinde Height 100 mm Width 50,2 mm Doph 17 mm Environmental characteristics Climatic Operating temperature max. Operating temperature max. 80 °C Cable identification 363 Cable identification 363 Cable identification 363 Cable identification 963 Armout stranding 1	Operating voltage DC	24 V
Current operating per contact max. 4 A Total current max. 8 A Industrial communication Image: Communication of Signals per port 2 Installation Connection Mulz X I Mounting set M12 X I Device protection Electrical Device protection Electrical Device protection Fleeting inserted, screwed Device protection Media Image: Plant of Signals per port Blame related condition protection degree inserted, screwed Device protection Media Image: Plant of Signals per port Mechanical data Multimation Multi	Operating voltage DC min.	18 V
Total current max. 8 A Industrial communication Number of signals per port 2 Installation Connection Installation Connection Electrical Degree of protection (EN IEC 60529) IP65, IP67, IP67, IP67, IP67, IP68, IP67 Additional condition protection of ogree of protection (IR IEC 60529) IP68, IP67,	Operating voltage DC max.	30 V
Industrial communication Number of signals per port 2 Installation Connection Max 1 Device protection Electrical Device protection (EN IEC 60529) IP65, IP67 Additional condition protection degree Inserted, screwed Device protection Media Fisher essistance Ilean retardant Mechanical data Material data Ilean retardant Mechanical data Mounting data Schraubgewinde Height 100 mm Width 50,2 mm Depth 7 mm Environmental characteristics Cimation Contract Cimation Cimation Contract Cimation Contract Cimation C	Current operating per contact max.	4 A
Number of signals per port 2 Installation Connection M12 x 1 Device protection Electrical Device protection (EN IEC 60529) IP65, IP67 Additional condition protection degree inserted, screwed Device protection Media Iffer retardant Rame resistance flame retardant Mechanical data Munting data Mechanical data Munting data Mounting method Schraubgewinde Height 100 mm Width 50.2 mm Depth 17 mm Environmental characteristics Climatic Vanal Operating temperature min. 20 °C Operating temperature max. 30 °C Jacked Color gray Type of Certificate URus STOOM style jacket Hybrid, Signal, Power Amount stranding 1 Stranding (type 2) 9 wires around Stranding combination twisted Cable shelding (type) 0 sport braiding, bare Cable shelding (type) 0 sport praiding, bare Cable shelding (type) 2 sport praiding, bare Cable shelding (cycerag	Total current max.	8 A
Installation Connection Mounting set M12 x 1 Device protection Electrical Degree of protection (EN IEC 60529) IP65, IP67 Additional condition protection degree inserted, screwed Device protection Media Flame resistance flame retardant Mechanical data Material data Mechanical data Mounting data Websteriol of Media Mounting data Winder Mechanical data Mounting data Mounting temperature max. 20 °C Operating temper	Industrial communication	
Mounting set M12 x 1 Device protection Electrical Possible of protection (EN IECC 60529) IP65, IP67 Additional condition protection degree of protection degree of protection (Media IP65, IP67 Device protection Media Family and the protection of Media Mechanical data Material data Medical data Material data Mechanical data Mounting data PBT Mechanical data Mounting data W6 Mechanical data Mounting data M6 Weight 50-2 mm Bepth 100 mm Width 50-2 mm Depth 7 m Environmental characteristics Climatic Commental characteristics Climatic Operating temperature min. -20 °C Operating temperature max. 90 °C Operating temperature max. 363 Gabie (Type) 2 Jacket Color gray Type of Certificate CUBus STOOM style jacket Hybrid, Signal, Power Amount stranding (type 2) 1 Stranding (type 2) 9 wires around Stranding, bare Cable shiel	Number of signals per port	2
Mounting set M12 x 1 Device protection Electrical Possible of protection (EN IECC 60529) IP65, IP67 Additional condition protection degree of protection degree of protection (Media IP65, IP67 Device protection Media Family and the protection of Media Mechanical data Material data Medical data Material data Mechanical data Mounting data PBT Mechanical data Mounting data W6 Mechanical data Mounting data M6 Weight 50-2 mm Bepth 100 mm Width 50-2 mm Depth 7 m Environmental characteristics Climatic Commental characteristics Climatic Operating temperature min. -20 °C Operating temperature max. 90 °C Operating temperature max. 363 Gabie (Type) 2 Jacket Color gray Type of Certificate CUBus STOOM style jacket Hybrid, Signal, Power Amount stranding (type 2) 1 Stranding (type 2) 9 wires around Stranding, bare Cable shiel		
Device protection Electrical Degree of protection (EN IEC 60529) P65, IP67 Additional condition protection degree inserted, screwed Device protection Media Filame resistance flame retardant Mechanical data Material data Methanical data Mounting data Mounting method Schraubgewinde Height 100 mm Depth 17 mm Depth 17 mm Environmental characteristics Climatic Operating temperature min. 20 °C Operating temperature min. 20 °C Operating temperature max. 80 °C Installation Cable Cable identification 363 Cable Type 2 Jacket Color gray Type of Carlificate Climatic Type of Carlificate Hybrid, Signal, Power Amount stranding 1 Stranding 2 wires with Filler twisted Amount 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) No. of bending cycles (C-track) 2 Mio. @ 25 °C Cable weight 143 g/m		M12 v 1
Degree of protection (EN IEC 60529) IP65, IP67 Additional condition protection degree inserted, screwed Device protection Media Flame resistance flame retardant Mechanical data Material data Material housing PBT Mechanical data Mounting data With the part of		IVIIZAI
Additional condition protection degree inserted, screwed Petrice protection Media		
Device protection Media Flame resistance flame retardant Mechanical data Material data Material housing Mechanical data Mounting data Mechanical data Mounting method Mechanical data Mounting method Schraubgewinde Height 100 mm Width 50,2 mm Depth 17 mm Environmental characteristics Climatic Operating temperature min. 20 °C Operating temperature max. 80 °C Installation Cable Cable identification 363 Cable identification 363 Cable Operating temperature max. 2 Type of Certificate URus STOOW style jacket Hybrid, Signal, Power 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 arran		IP65, IP67
Flame resistance flame retardant Mechanical data Material data Mechanical data Mounting data Mechanical data Mounting data Mounting method Schraubgewinde Height 100 mm Width 50.2 mm Depth 17 mm Environmental characteristics Climatic Operating temperature min. 20 °C Operating temperature max. 80 °C Installation Cable Cable identification 363 Cable identification 363 Cable (Journal of Cartificate) 2 URUS STOOW style jacket Hybrid, Signal, Power 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 wrive arrangement white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow) No. of bending cycles (C-track) 2 Mio. @ 25 °C Cable weigth 143 g/m <td>Additional condition protection degree</td> <td>inserted, screwed</td>	Additional condition protection degree	inserted, screwed
Mechanical data Material data Mechanical data Mounting data Mechanical data Mounting method Schraubgewinde Height 100 mm Width 50,2 mm Depth 7 mm Environmental characteristics Climatic Formating temperature min. Operating temperature max. 80 °C Operating temperature max. 80 °C Installation Cable Cable identification 363 Cable I Yope 2 Jacket Color gray Type of Certificate cURus STOOW style jacket Hybrid, Signal, Power Amount stranding 1 Stranding (type 2) 9 wires avine with Filler twisted Amount stranding (type 2) 9 wires around Stranding combination twisted Cable shielding (type) copper braiding, bare Cable shielding (type) copper braiding, bare Cable shielding (coverage) 85 % Filler yes Writer arrangement white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow) No. of bending cycles (C-	Device protection Media	
Metarial housing PBT Mechanical data Mounting data Schraubgewinde Height 100 mm Width 50,2 mm Depth 7 mm Environmental characteristics Climatic Coperating temperature min. 20 °C Operating temperature max. 80 °C Installation Cable Cable identification 363 Cable identification 363 Cable (Julia Controlle) 2 Jacket Color gray Type of Certificate CURus STOOW style jacket Hybrid, Signal, Power Amount stranding 1 Stranding (ype 2) 1 Stranding (ype 2) 9 wires around Stranding combination twisted Cable shielding (type) copper braiding, bare Cable shielding (coverage) 85 % Filler yes Writer arrangement white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow) No. of bending cycles (C-track) 2 Mio. @ 25 °C Cable weigth 143 g/m	Flame resistance	flame retardant
Mechanical data Mounting data Mounting method Schraubgewinde Height 100 mm Width 50,2 mm Depth 17 mm Environmental characteristics Climatic Operating temperature min.	Mechanical data Material data	
Mechanical data Mounting data Mounting method Schraubgewinde Height 100 mm Width 50,2 mm Depth 17 mm Environmental characteristics Climatic Operating temperature min20 °C Operating temperature max. 80 °C Installation Cable Cable identification 363 Cable Type 2 Jacket Color gray Type of Certificate clurus Type of Certificate clurus Type of Certificate clurus Type of Stranding 1 Stranding 1 Stranding 1 Stranding 1 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 write arrangement white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow) No. of bending cycles (C-track) 2 Mio. @ 25 °C Cable weigth 143 g/m	Material housing	PBT
Mounting method Schraubgewinde Height 100 mm Width 50,2 mm Depth 17 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 Hybrid, Signal, Power 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) No. of bending cycles (C-track) 2 Mio, @ 25 °C Cable weigth 143 g/m	-	
Height 100 mm Width 50,2 mm Depth 17 mm Environmental characteristics Climatic Operating temperature min20 °C Operating temperature max. 80 °C Installation Cable Cable identification 363 Cable Type 2 Jacket Color gray Type of Certificate cURus STOOW style jacket Hybrid, Signal, Power 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 wes Wire arrangement white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow) No. of bending cycles (C-track) 2 Mio. @ 25 °C Cable weigth 143 g/m		Schraubgowindo
Width 50,2 mm Depth 17 mm Environmental characteristics Climatic Operating temperature min20 °C Operating temperature max. 80 °C Installation Cable Cable identification 363 Cable Type 2 Jacket Color gray Type of Certificate cURus STOOW style jacket Hybrid, Signal, Power 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) No. of bending cycles (C-track) 2 Mio. @ 25 °C Cable weigth 143 g/m	·	
Popth 17 mm Finvironmental characteristics Climatic Operating temperature min20 °C Operating temperature max. 80 °C Installation Cable Cable identification 363 Cable Type 2 Jacket Color gray Type of Certificate cURus STOOW style jacket Hybrid, Signal, Power 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) No. of bending cycles (C-track) 2 Min. @ 25 °C Cable weigth 143 g/m		
Environmental characteristics Climatic Operating temperature min. Operating temperature max. 80 °C Installation Cable Cable identification 363 Cable Type 2 Jacket Color gray Type of Certificate STOOW style jacket Hybrid, Signal, Power 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) Cable shielding (toverage) 85 % Filler yes wire arrangement white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow) No. of bending cycles (C-track) 2 Mio. @ 25 °C Cable weigth 143 g/m		<u>`</u>
Operating temperature min. Operating temperature max. 80 °C Installation Cable Cable identification 363 Cable Type 2 Jacket Color Type of Certificate CuBrus STOOW style jacket Hybrid, Signal, Power 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) Cable shielding (coverage) 85 % Filler yes wire arrangement white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow) No. of bending cycles (C-track) 2 Mio. @ 25 °C Cable weigth	·	
Operating temperature max. 80 °C Installation Cable Cable identification 363 Cable Type 2 Jacket Color gray Type of Certificate cURus STOOW style jacket Hybrid, Signal, Power 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) No. of bending cycles (C-track) 2 Mio. @ 25 °C Cable weigth 143 g/m		
Cable identification 363 Cable Type 2 Jacket Color gray Type Of Certificate cURus STOOW style jacket Hybrid, Signal, Power 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) No. of bending cycles (C-track) 2 Mio. @ 25 °C Cable weigth 143 g/m	<u> </u>	
Cable identification 363 Cable Type 2 Jacket Color gray Type of Certificate cURus STOOW style jacket Hybrid, Signal, Power 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) No. of bending cycles (C-track) 2 Mio. @ 25 °C Cable weigth 143 g/m	Operating temperature max.	80 °C
Cable Type 2 Jacket Color gray Type of Certificate cURus STOOW style jacket Hybrid, Signal, Power 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) No. of bending cycles (C-track) 2 Mio. @ 25 °C Cable weigth 143 g/m	Installation Cable	
Jacket Color gray Type of Certificate cURus STOOW style jacket Hybrid, Signal, Power 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) No. of bending cycles (C-track) 2 Mio. @ 25 °C Cable weigth 143 g/m	Cable identification	363
Type of Certificate cURus STOOW style jacket Hybrid, Signal, Power 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) No. of bending cycles (C-track) 2 Mio. @ 25 °C Cable weigth 143 g/m	Cable Type	2
STOOW style jacket Hybrid, Signal, Power 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) No. of bending cycles (C-track) 2 Mio. @ 25 °C Cable weigth 143 g/m	Jacket Color	gray
Amount stranding 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) No. of bending cycles (C-track) 2 Mio. @ 25 °C Cable weigth	Type of Certificate	cURus
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) No. of bending cycles (C-track) 2 Mio. @ 25 °C Cable weigth 143 g/m	STOOW style jacket	Hybrid, Signal, Power
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) No. of bending cycles (C-track) 2 Mio. @ 25 °C Cable weigth 143 g/m	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) No. of bending cycles (C-track) 2 Mio. @ 25 °C Cable weigth 143 g/m	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) No. of bending cycles (C-track) 2 Mio. @ 25 °C Cable weigth 143 g/m	Amount stranding (type 2)	
Cable shielding (coverage) 85 % Filler yes wire arrangement white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow) No. of bending cycles (C-track) 2 Mio. @ 25 °C Cable weigth 143 g/m	Stranding (type 2)	·
Filler yes wire arrangement white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow) No. of bending cycles (C-track) 2 Mio. @ 25 °C Cable weigth 143 g/m	Cable shielding (type)	
wire arrangement white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow) No. of bending cycles (C-track) 2 Mio. @ 25 °C Cable weigth 143 g/m	Cable shielding (coverage)	85 %
No. of bending cycles (C-track) 2 Mio. @ 25 °C Cable weigth 143 g/m	Filler	
Cable weigth 143 g/m	wire arrangement	
	No. of bending cycles (C-track)	
Material jacket PUR	Cable weigth	
	Material jacket	PUR

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: 2024-04-23



stay connected

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
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	±5 %
(Power)	
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 °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
Connection type 2	
Confidential type 2	



Family construction form	free cable end
Color contact carrier	gray
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