

Y-Distributor M12 male / M12 female 90° A-cod. LED

PUR 3x0.34 ye UL/CSA+drag ch. 1m

Y-connector M12 – M12, 4-pole Male straight – females 90° A-coded bridged LED (yellow/green)

Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

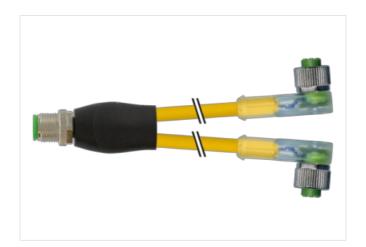
Plastic housings with good resistance against chemicals and oils.

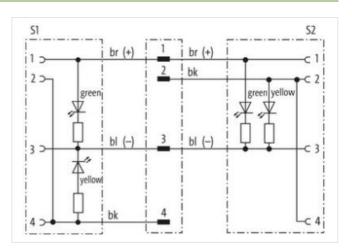
The resistance to aggressive media should be individually tested for your application. Further details on request.

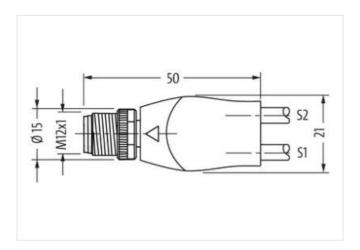
Further cable lengths on request.

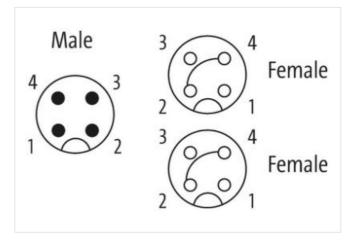
Link to Product

Illustration



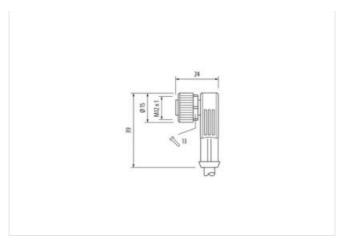








stay connected



Product may differ from Image





Cable length	1 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Material contact	Copper alloy
Material	PUR
No. of poles	4
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Material contact	Copper alloy
Material	PUR
No. of poles	4
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 3	
Mounting method	inserted, screwed
Family construction form	M12
No. of poles	4
Commercial data	
ECLASS-6.0	27061801
customs tariff number	85444290
Packaging unit	1



stay connected

Operating voltage DC 24 V Operating voltage DC min. 18 V Operating voltage DC max. 30 V Operating voltage DC max. 30 V Operating voltage DC max. 4 A Current consumption max. 5 mA Diagnostics Status indication LCD Status indication IC monection M12 x 1 Mounting set M12 x 1 Powles protection I, Electrical Additional condition protection degree Additional condition protection degree 1 inserted, screwed Pollution Degree 3 Rated surge voltage 0,8 kV Material goals (SC 6864-1) 1 Mechanical data I Material data I Material data I Material data I Material (asset) FRM Coating Civing material Zinc die casting Muterial goals (SC 6864-1) Tric die casting	Electrical data Supply	
Operating voltage DC min. 18 V Operating voltage DC max. 30 V Operating voltage DC max. (UL-field) 30 V Corrent operating per contact max. 4 A AD Corrent consumption max. 5 m A Diagnostics Status indication LED Status indication LED (Included) green, yellow Installation Connection W12 X 1 Device protection [Electrical M12 X 1 Additional contition protection degree inserted, screwed Follation Degree 3 Read stage voltage 0.8 V Machineral group (EC 09694-1) 1 Michaeld Coaling of bitting nickled plated Coaling to bitting Nickled Coaling to be cashing Micerial stage bitting Macerial gasket PM Conformation <td< td=""><td></td><td>24 V</td></td<>		24 V
Operating voltage DC max. 30 V Corrent operating per contact max. 4 A Current operating per contact max. 5 mA Disposation SmA Disposation Smale Status indication LED green, yellow Installation Connection M12 x 1 Device protection Electrical Additional condition protection Electrical Additional condition protection Electrical 4 M2 x 1 Additional condition Electrical 4 M2 x 1 Additional condition Electrical 4 M2 x 1 Coaling of filting McAchael Abeliance Electrical Maximum Electrical Abouting preparature mix 25 * C <t< td=""><td>· · ·</td><td></td></t<>	· · ·	
Operating voltage DC max. (LL-listed) 30 V Current consumption max. 5 mA Diagnostics Status indication LED Installation [Connection W12 x 1 Mounting part M12 x 1 Device protection Electrical M34 x 1 Device protection Electrical M34 x 1 Red Surge voltage 0.8 kV Material group (IEC 80864-1) 1 McChanical data Material data M64 x 1 Coating of killing nickeled Material sorew connection 2 no die-casting McLeanical data Munting data McChanical data Munting data McChanical data Munting data 1 McChanical data Munting data 25 °C Operating temperature max. 45 °C Operating temperature max. 45 °C Additional condition temperatur		
Current consumption max. 5 mA Dispunsations 5 mA Status indication LED green, yellow Installation Connection M12 x 1 Device protection Electrical M02 x 1 Additional condition protection oegree Inserted, screwed Pollution Degree 3 Rated surge voltage 0,8 kV Material group (EC 50684-1) 1 Coating looking Nickeled Coating of Hitting niskeled Justice Hallow Looking allowing data Zinc discasting Material grasset FKM Mounting attential Zinc discasting Mounting method Inserted, screwed, Shaking protection Environmental characteristics Climatic Environmental characteristics Climatic Conformity Product standard DIN EN 81076-2-101 (M12) Installation Cable Cable identification 03		
Diagnositics S mA Diagnositics Status indication LED green, yellow Installation Connection M12 x 1 Device protection Electrical M12 x 1 Device protection Electrical M12 x 1 Additional condition protection degree inserted, screwed Pollution Degree 3 Related surpe voltage 0.8 kV Malerial group (IEC 60064-1) 1 Mechanical data Material data Malerial group (IEC 60064-1) Conting locking Niskeled Conting locking Niskeled Conting locking PKM Locking related in Malerial gasket FKM Locking related in Mounting data Zinc die casting Mechanical data Mounting data Inserted, screwed, Shaking protection Environmental characteristics Climatic Cimatic Operating temperature max. 8° °C Additional condition interprature range depending on cable quality Continuity Product standard QIS No. N. Scillage (Scillage (S		
Diagnostics Status indication LED green, yellow Installation Connection Installation Connection Mounting set M12 x 1 Powice protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Relact surge voltage 0.9 kW Machanical data Material data Mischeel Coating of obting Nickeled Coating of obting Nickeled Coating of obting Zim del ocasting Material gasket FKM Coating of fifting nickel plated Material gasket FKM Multiple screw connection Zim del ocasting Mechanical data Mounting data Miscretion M		
Statulation (Connection Installation) (Continuing and Status) (Cont	·	
Mounting set M12 x 1		
Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60664-1) 1 Coating locking Nickeled Coating locking Nickeled Coating locking Nickeled Coating locking FMM Locking material Zinc die casting Material screw connection Zinc die casting Material screw connection Zinc die casting Mechanical data Mounting data Image: Plant of the propertion of th		green, yellow
Device protection Electrical Inserted, screwed	'	
Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 0,8 kV Material group (EC 60664-1) I Mechanical data Material data Coating locking nickel plated Material gaskel EKM Locking material Zinc die casting Material gaskel EKM Locking material Zinc die casting Material gaskel EKM Locking material Zinc die casting Mechanical data Mounting data Mechanical data Mounting data Mechanical data Mounting data Mechanical data Mounting data Mounting method Evivormental characteristics Climatic Evivormental characteristics Climatic Operating temperature min25 °C Operating temperature max. 45 °C Operating temperature max. 45 °C Conformity Product standard Die Northe 2-101 (M12) Installation Cable Cable identification 033 Gable Type 3 Jackst Color yellow Type of Certificate UPlus Annount stranding 1 Stranding 3 wires twisted Wee arrangement Drown, black, blue No. of bending cycles (C-track) 10 Mio. @ 25 °C Gable identify (Gable) 29,7 °ym Material jackel PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 4,1 mm Tolerance outer diameter (sheatth) 1,25 mm Outer diameter insulation 70 ± 5 Shore D	Mounting set	M12 x 1
Pollution Degree 3 Rated surge voitage 0.8 kV Material group (IEC 60684-1) I Mechanical data Material data I Coating of litting Nickeled Coating of litting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Coperating temperature max. Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Contomity IN EN 61076-2-101 (M12) Product standard DIN EN 61076-2-101 (M12) Gable identification 033 Gable identification 033 Gable identification 033 Gable in Ype 3 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 3 wires t	Device protection Electrical	
Rated surge voltage 0,8 kV Material group (IEC 60564-1) I Mechanical data Material data Coating locking Nickeled Coating of litting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Methanical data Munting data Mounting method I inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. 25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Product slandard DIN EN 61076-2-101 (M12) Installation Cable Cable ingel distilication 033 Jacket Color yellow Type of Certificate CURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue No. of bending cycles (C-track) 10 Min. @ 25 °C Golde Weigh 29,7 g/m Material jacket PUR Shore hardness eighed insulation PP Amount mirron singledents (jacket) 1,1 mm Tolerance cuter diameter (sheattr) 1,25 mm Outer diameter insulation PP Amount wires 3 Jouer diameter insulation PP Amount wires 3 Jouer diameter insulation PP Amount wires 0,25 Shore D	Additional condition protection degree	inserted, screwed
Material group (IEC 60664-1) I Mechanical data Material data Inkehele Coating locking nickel plated Material gasket FKM Locking material Zinc die-casting Material grow connection Zinc die-casting Mechanical data Mounting data Mounting method Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Departing temperature min. Operating temperature max 85 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 033 Cable identification 033 Gabie Type Cable Type 3 Audicent Color Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue No. of bending cycles (C-tack) 10 Min. @ 25 °C Cable weight 29,7 g/m Material jieacket	Pollution Degree	3
Mechanical data Material data Nickeled Coating locking Nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mechanical data Mounting data Environmental characteristics Climatic Inserted, screwed, Shaking protection Environmental characteristics Climatic 55°C Operating temperature min. -25°C Operating temperature range depending on cable quality Conformity V Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable (dentification Qasta) Cable identification Gasta 3 Jacket Color yellow Type of Carifficate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue No. of bending cycles (C-track) 10 Mio. @ 25° °C Gable weight 29.7 g/m Material jacket PUR Shore hardness jacket PP	Rated surge voltage	0,8 kV
Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Comperating temperature min. 25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Very Product standard DIN EN 61076-2-101 (M12) Din En 61076-2-101 (M12) Installation Cable Cable identification 033 Cable identification Caster Color yellow Type of Certificate UPRus Culrus Culru	Material group (IEC 60664-1)	I
Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material serew connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Coperating temperature min. -25 °C Operating temperature man. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Distallation Cable Cable identification 033 3 Cable Type 3 3 Jacket Color yellow 1 Type of Certificate cURus Amount strading 1 1 Stranding 3 wires twisted Wrie arrangement brown, black, blue No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weigth 29.7 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedo	Mechanical data Material data	
Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical date Mounting data Webhanical date Mounting method Inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. 425 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Conformity Conformity Product standard 033 Salacket Color Color (M16) Installation Cable Color (M20) Vellow Color (M20)	Coating locking	Nickeled
Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min.	Coating of fitting	nickel plated
Material screw connection Zinc die-casting Mechanical data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable interfication 033 Cable identification 033 0 Cable identification 033 0 Cable Of Certificate UPus Amount stranding 1 1 Stranding 3 wires twisted wire arrangement brown, black, blue No. of bending cycles (C-track) 10 Mio. 25 °C Cable weight 29,7 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4.1 mm Tollerance outer diameter (sheath) ± 5 % <t< td=""><td>Material gasket</td><td>FKM</td></t<>	Material gasket	FKM
Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 033 Cable Intification 033 Cable Operating temperature may a support of the color of pellow Type of Certificate culhus Culhus Annount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue No. of bending cycles (C-track) 10 Mio. 25 °C Cable weight 29,7 g/m Meterial jacket PUR Shore and paragination (form ingredients (jacket) 90 ± 5 Shore A Freedom from ingredients (jacket) 4.1 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Annount wires 3 Outer diameter insulation ± 5 % Colurer diameter rolerance core insulation	Locking material	Zinc die-casting
Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard Installation Cable DIN EN 61076-2-101 (M12) Cable identification 033 Cable Type 3 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue No. of bending cycles (C-track) 10 Nio. @ 25 °C Cable weight 29.7 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4.1 mm Tollerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter	Material screw connection	Zinc die-casting
Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable Identification 033 Cable Installation Cable Cable Identification 033 Jacket Color yellow Type of Certificate cURsus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weigth 29,7 g/m Material jacket PUR Shore hardness jacket 90±5 Shore A Freedom from ingredients (jacket) ead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation 70±5 Shore D	Mechanical data Mounting data	
Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification Cable identification 033 Cable Type 3 Jacket Color yellow Type of Certificate cURs Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weigth 29,7 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 % Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation 7 0 ± 5 Shore D	Mounting method	inserted, screwed, Shaking protection
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 033 Cable Type 3 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weigth 29,7 g/m Material jacket PUR Shore hardness jacket 90±5 Shore A Freedom from ingredients (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation 1,25 mm Outer diameter tolerance core insulation 70 ± 5 Shore D	Environmental characteristics Climatic	
Additional condition temperature range depending on cable quality Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 033 Cable Type 3 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weigth 29,7 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation 50 ± 5 Shore D	Operating temperature min.	-25 °C
Conformity DIN EN 61076-2-101 (M12) Installation Cable Cable identification 033 Cable Type 3 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weight 29,7 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 % Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D	Operating temperature max.	85 °C
Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 033 Cable Type 3 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weigth 29,7 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation 50 ± 5 Shore D	Additional condition temperature range	depending on cable quality
Cable identification 033 Cable Type 3 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weigth 29,7 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation 70 ± 5 Shore D	Conformity	
Cable identification 033 Cable Type 3 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weigth 29,7 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D	Product standard	DIN EN 61076-2-101 (M12)
Cable Type 3 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weigth 29,7 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D	Installation Cable	
Cable Type 3 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weigth 29,7 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D	Cable identification	033
Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weigth 29,7 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation 50 ± 5 Shore D		
Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weigth 29,7 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D		vellow
Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weigth 29,7 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D		•
Stranding 3 wires twisted wire arrangement brown, black, blue No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weigth 29,7 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D	Amount stranding	1
wire arrangement brown, black, blue No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weigth 29,7 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D	Stranding	
No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weigth 29,7 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation 50 ± 5 Shore D		brown, black, blue
Cable weigth 29,7 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D	No. of bending cycles (C-track)	
Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D	Cable weigth	
Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D	Material jacket	
Freedom from ingredients (jacket) Outer-diameter (jacket) 4,1 mm Tolerance outer diameter (sheath) 45 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation 45 % Shore hardness wire insulation 70 ± 5 Shore D	Shore hardness jacket	90 ± 5 Shore A
Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D	Outer-diameter (jacket)	4,1 mm
Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D	Tolerance outer diameter (sheath)	± 5 %
Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D	Material wire insulation	PP
Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D	Amount wires	3
Shore hardness wire insulation 70 ± 5 Shore D	Outer diameter insulation	1,25 mm
	Outer diameter tolerance core insulation	±5%
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free		
	Shore hardness wire insulation	70 ± 5 Shore D

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: 2024-04-25



Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	10 m @ 25 °C horizontal
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	6 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2,5 kV @ 60 s
AC withstand voltage power (wire - wire)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2
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
No. of torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 180 °/m