

M12 male 0° / M8 female 0° A-cod.

PUR 3x0.25 ye UL/CSA+drag ch. 3m

Male straight - female straight

M12 - M8, 3-pole

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

Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request

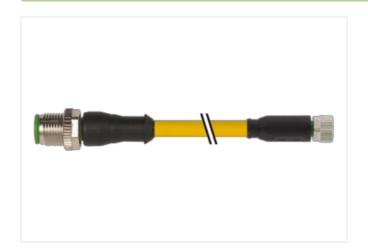
Plastic housings with good resistance against chemicals and oils.

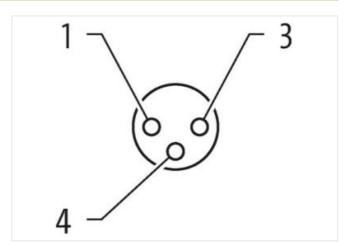
The resistance to aggressive media should be individually tested for your application. Further details on request.

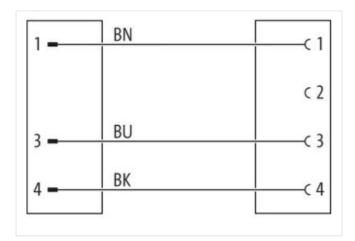
Further cable lengths on request.

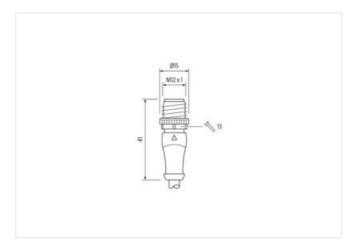
Link to Product

Illustration





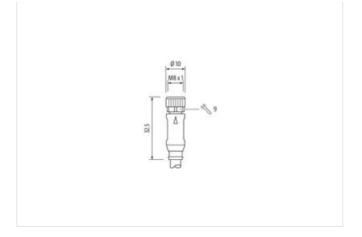






stay connected





Product may differ from Image



Cable length





3 m





Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	6,5 mm
Coding	A
Material	PUR
Width across flats	SW9
Commercial data	
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879164078
Packaging unit	1



stay connected

Departing voltage DC max. 60 V		
Developing voltage AG (UL sisted) 30 V	Operating voltage AC max.	50 V
Digramming per contact max. 4 A	Operating voltage DC max.	
Device protection Electrical Additional continuo protection degree insented, screwed Pollution Degree 3 Stated surge voitage 1, 5 kW Mechanical data Material data Bacterial group (IEC 06664-1) I Mechanical data Material data Coding politing nickel plated faterial group (IEC 06664-1) I Mechanical data Material data Coding material Zinc de casting Mechanical data Mounting data Zinc de casting Mechanical data Mounting data Coding method Environmental characteristics Climatic Departing temperature min. Departing temperature min. Departing temperature max. 85 °C Coditional condino temperature range depending on oable quality Important installation notes Voite on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Alterion. Choeve the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Ontomity Conformity Co	Operating voltage AC (UL-listed)	
Device protection Electrical Additional group (EC 50664-1) I Continue proper S S Stated surge voltage 1,5 kV Atteined group (EC 50664-1) I Mechanical data Material data Coating of fitting Nickeled Nickel		30 V
Additional condition protection degree inserted, screwed Polition Degree 3 Started surge voltage 1,5 kV Ideated voltage 1,5	Current operating per contact max.	4 A
Attention Degree 3 Attention Degree 1,5 kV Mechanical data Material data Deating looking Nickeled Deating of fitting nickel plated Attention gasket FKM Mochanical data Mounting data Deciming of thing nickel plated Attention gasket FKM Mochanical data Mounting data Mounting method Environmental characteristics Climatic Environmental characteristics Climatic Deparating temperature min. 25 °C Deparating temperature max. 85 °C Additional condition temperature range Report on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection diass can be endangered by excessive bending forces. Conformity Product standard Din En 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Date identification Sable identification Sa	Device protection Electrical	
Asterial group (IEC 60664-1) I Coating Jord (IEC 60664-1) I Coating Jord (IEC 60664-1) Coating Jord (IEC 60664-1) Coating Jord (IEC 60664-1) Coating Jord (IEC) Coati	Additional condition protection degree	inserted, screwed
Mechanical data Material dasket FKM Cooking material Zinc die-casting Zinc die-casting Mechanical data Mounting data Mounting data Mounting data Mounting data Mounting method Service of Material Mounting data Mounting method Mounting method Mounting method Mounting method Mounting method Mounting temperature min. -25 °C Coperating temperature max. 85 °C Mounting temperature max. 85 °C Mounting temperature range depending on cable quality Mounting temperature max. Mo	Pollution Degree	3
Mochanical data Material data Deating of Ritting nickel plated Auterial grasket FKM Auderial grasket FKM Auterial screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN En 61076-2-101 (M12), DIN En 61076-2-114 (M8) Installation Cable Sable (Color Yellow Product standing 1 Sable (Color Yellow Yellow Union distance Color Yellow Yello	Rated surge voltage	1,5 kV
Coating locking Nickeled onkeled onkel	Material group (IEC 60664-1)	I
Coating of fitting nickel plated Atterial gasket FKM Atterial gasket FKM Atterial gasket Izinc die-casting Atterial screw connection Zinc die-casting Mechanical data Mounting data Adounting method Izince description Environmental characteristics Climatic Departing temperature min25 °C Departing temperature max85 °C Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Goble Cable identification 030 3 alacket Color yellow Culfus description 1 Stranding 3 wires twisted Wire arrangement brown, black, blue Traversing distance (C-track) 10 m @25 °C horizontal Cable weigth 26,4 g/m Atterial packet PUR Traversing distance (C-track) 10 m @25 °C horizontal Cable meter (isoket) 4,1 mm Coloraron (isoket) 1,25 mm Duter diameter (isoket) 1,25 mm Duter diameter (locket) 1,25 mm Duter diameter (locket) 7,25 Shore D Improduct strandress wire insulation 1,25 mm Duter diameter forerance core insulation 1,25 mm Town of strandress wire insulation 1,25 mm	Mechanical data Material data	
Material gasket FKM Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Deparating temperature min. Jest Coperating temperature min. Jest Coperating temperature man. Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Deparating temperature min. Jest Coperating temperature man. Moditional condition temperature range depending on cable quality Important installation notes Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard Din En 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Zable identification 030 Zable Type 3 Jacket Color yellow	Coating locking	Nickeled
Auterial screw connection Zinc die-casting Alterial screw connection Zinc die-casting Mechanical data Mounting data Environmental characteristics Climatic Diperating temperature min25 °C Diperating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Zable identification 30 Zable Type 3 Zable (dentification 4) Zable weight 3 wires twisted Vire arrangement brown, black, blue Traversing distance (C-track) 10 m @ 25 °C horizontal Zable weight 26,4 g/m Alterial jacket PUR Shore hardness jacket 90 ± 5 Shore A Treedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Jouer-diameter (jacket) 1,25 mm Duter diameter insulation 1,25 mm Duter diameter insulation 70 ± 5 Shore D Traverdient streeness wire insulation 1,25 mm Jacket force, cadmium-free, CFC-free, halogen-free, silicone-free Jacket color insulation 1,25 mm Duter diameter insulation 1,25 mm Jouer diameter file feet 1,25 mm Jouer diameter file feet 2,25 mm Jouer diameter file feet 2,25 mm Jouer diameter file feet 3,25 mm Jouer di	Coating of fitting	nickel plated
Machaical data Mounting data Mounting method inserted, screwed, Shaking protection Inserted Screwed Shaking protection	Material gasket	FKM
Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Deparating temperature min25 °C Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification 030 Cable identification 93 Cable identification 93 Carlot extraining 1 Carlot extraining 1 Carlot extraining 3 wires twisted Vire arrangement brown, black, blue Fraversing distance (C-track) 10 m @ 25 °C Inprizontal Zable weigh 26.4 g/m Adderial jacket PUR Shore Aardness jacket 99 ± 5 % Material wire insulation PP Collerance outer diameter (sheath) 2.5 % Attendiness wire insulation PP Auterial gracket insulation PP Auterial gracket insulation PP Auterial gracket insulation PP Auterial gracket insulation 1,25 mm Duter diameter (sheath) 2.5 % Attendiness wire insulation 70 ± 5 Shore D Tiggredent freeness wire insulation 1,25 mm Colorance contends and colorance once insulation 1,25 fmn Duter diameter insulation 1,25 fmn Auterial gracket insulation 1,25 fmn Duter diameter insulation 1,25 fmn Duter diameter insulation 1,25 fmn Auterial gracket 1,25 fmn Duter diameter insulation 1,25 fmn Duter diameter insulation 1,25 fmn Auterial gracket 1,25 fmn Duter diameter insulation 1,25 fmn Duter diameter swire insulation 1,25 fmn Duter diameter insulation 1,25 fmn Duter diameter swire insulation 1,25 fm	Locking material	Zinc die-casting
Inserted, Screwed, Shaking protection Environmental characteristics Climatic Diperating temperature min25 °C Diperating temperature max85 °C Additional condition temperature range depending on cable quality Important installation notes Vote on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification 030 Cable identification 030 Cable identification 040 Carlinolog 1 3 Carlinolog 1 3 Carlinolog 1 4 Carlinolog 2 4 Carlinolog 3 4 Carlinolog 3 4 Carlinolog 3 4 Carlinolog 4 4 g/m Attention: Gable weight 26,4 g/m Attention: Gable repe Automatics (jacket) lead-free, cadmium-free, CFC-free, halogen-free, sillicone-free Duter diameter (jacket) 4,1 mm Forerance outer diameter (sheath) 2.5 % Control of the cadmium of the cadmium-free, CFC-free, halogen-free, sillicone-free Duter diameter insulation PP Material write insul	Material screw connection	Zinc die-casting
Environmental characteristics Climatic Deparating temperature min25 °C Deparating temperature max. 85 °C Deparating temperature max. 85 °C Deparating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Vote on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification 030 Cable Type 3 Cable (Color yellow Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted brown, black, blue Treversing distance (C-track) 10 m@ 25 °C horizontal Cable weigth 26,4 g/m Auterial jacket PUR Shore hardness jacket 99 ± 5 Shore A Teredom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Duter-diameter (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 % Auterial wire insulation PP Material wire insulation 10,25 mm Duter diameter insulation 70 ± 5 Shore D Ingredient Reeness wire insulation 70 ± 5 Shore D Ingredient Reeness wire insulation 10,25 mm Duter diameter insulation 10,25 From D Ingredient Reeness wire insulation 10,25 Shore D Ingredient Reeness wire insulation 10,25	Mechanical data Mounting data	
Departing temperature min. Departing temperature max. B5 °C depending on cable quality Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification Cable Type 3 Cable Type 3 Carrier Color Yellow Yepe of Certificate Culfus Cunnott stranding 1 Stranding 3 wires twisted Stranding 425 °C horizontal Cable weight	Mounting method	inserted, screwed, Shaking protection
Deparating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Contormity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification 30 Cable Type 3 Cacket Color yellow Cype of Certificate CURus Amount stranding 1 Stranding 3 wires twisted Wire arrangement Drown, black, blue Fraversing distance (C-track) 10 m @ 25 °C horizontal 2able weigth 26,4 g/m Auterial jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) Lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Duter-diameter (jacket) Annount wires 3 Duter diameter loularace core insulation 70 ± 5 Shore D Ingredient freeness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation Annount strands (wire) 32	Environmental characteristics Climatic	
Deparating temperature max. 85 °C deditional condition temperature range depending on cable quality	Operating temperature min.	-25 °C
Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Zable identification 030 Zable Type 3 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Traversing distance (C-track) 10 m @ 25 °C horizontal Zable weigth 26,4 g/m Auterial jacket PUR Shore hardness jacket 90 ± 5.8 broe A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount stries wire insulation PP Amount wires 3 Duter diameter loterance core insulation 70 ± 5.8 broe D Ingredient freeness wire insulation 10 ± 26.4 cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32		
Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification	· · · · · · · · · · · · · · · · · · ·	depending on cable quality
Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable Installation O30 Cable Identification 030 Cable Identification 030 Cable Identification 030 Cable Identification 030 Cable Installation Cable Cable Installation O30 Cable Identification 030	·	
Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification Cable identification Cable identification Cable (Color yellow Expe of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Traversing distance (C-track) 10 m @ 25 °C horizontal Cable weigth Altential jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) Material wire insulation PP Amount wires 3 Duter diameter (sheath) 1,25 mm Jouler diameter rolerance core insulation 70 ± 5 Shore D Ingredient freeness wire insulation Ingredient freeness wire insulation Page insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32	·	District the connectors by suitable massures from machanical leads of a by the wage of cable ties
endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification 030 Cable Type 3 Jacket Color yellow Eype of Certificate cURus Amount stranding 1 Stranding 3 wires twisted vire arrangement brown, black, blue Fraversing distance (C-track) 10 m @ 25 °C horizontal Cable weigth 26,4 g/m Justerial jacket PUR Shore hardness jacket 90±5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Duter-diameter (jacket) ± 5 % Material wire insulation PP Amount wires 3 Duter diameter insulation 1,25 mm Duter diameter tolerance core insulation 1,25 mm Duter diameter tolerance core insulation 1,25 shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32	vote on strain rener	
Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification 030 Cable of Type 3 Cable (John Color yellow Fype of Certificate cURus Amount stranding 1 Carrangement 1 Carrangement 1 Carrangement 1 Carraversing distance (C-track) 10 m @ 25 °C horizontal Cable weight 26,4 g/m Material jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 1 lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Material wire insulation 1,25 mm Duter diameter (barance core insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32	Note on bending radius	
Installation Cable Cable identification Cable identification Cable Type Cable identification Cable Type Cable (Color yellow Cable Color yellow Cable Weight Cable Weigh	Conformity	
Cable Type 3 Cable Type 3 Cable Type 3 Cable Type 3 Cable Type 5 Cable Type 6 Cable Type of Certificate cURus Camount stranding 1 Cable Type of Certificate cURus Camount stranding 1 Cable Type of Certificate cURus Camount stranding 1 Cable Weight 26,4 g/m Cable Weight 26,5 Shore A Carreedom from ingredients (jacket) 90 ± 5 Shore A Carreedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Couter-diameter (jacket) ± 5 % Cable Wire insulation PP Carreedom from ingredients (sheath) ± 5 % Cable Wire insulation 1,25 mm Couter diameter tolerance core insulation ± 5 % Cable Wire insulation 70 ± 5 Shore D Couter diameter tolerance core insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Carreedom from insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Carreedom from insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Carreedom from insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Product standard	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
Cable Type 3 Cable Type 3 Cable Type 3 Cable Type 3 Cable Type 4 Cable Type 5 Cable Type 5 Cable Type 6 Cable Type 6 Cable Type 6 Cable Type 6 Cable Type 7 Cable Color 9 Cable Color 10 Cable Color Cable Cable Color Cable Color Cable Color Cable Color Cable Color Cable Cable Color Cable Cable Color Cable Cable Color Cable Cable Color Cable	Installation Cable	
Cable Type 3 Anount stranding 1 Stranding 3 wires twisted Anount stranding 1 Stranding 3 wires twisted Wrie arrangement brown, black, blue Traversing distance (C-track) 10 m @ 25 °C horizontal Cable weigth 26,4 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 (sheath) ± 5 % Material wire insulation PP Amount wires 3 Duter diameter tolerance core insulation 1,25 mm Outer diameter tolerance core insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32		030
Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Traversing distance (C-track) 10 m @ 25 °C horizontal Cable weigth 26,4 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) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free		
Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted brown, black, blue Traversing distance (C-track) 10 m @ 25 °C horizontal Cable weigth 26,4 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 Folerance 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 Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32		
Amount stranding 1 Stranding 3 wires twisted brown, black, blue Fraversing distance (C-track) 10 m @ 25 °C horizontal Cable weigth 26,4 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 Duter-diameter (jacket) 4,1 mm Folerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Duter diameter insulation 1,25 mm Duter diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32		`
Stranding 3 wires twisted brown, black, blue Traversing distance (C-track) 10 m @ 25 °C horizontal Cable weigth 26,4 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 Duter-diameter (jacket) 4,1 mm Folerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Duter diameter insulation 1,25 mm Duter diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32	Amount stranding	
brown, black, blue Traversing distance (C-track) 10 m @ 25 °C horizontal 26,4 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 Duter-diameter (jacket) 4,1 mm Folerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Duter diameter insulation 1,25 mm Duter diameter tolerance core insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32	Stranding	
Traversing distance (C-track) 10 m @ 25 °C horizontal 26,4 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 Folerance 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 Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32		
Cable weigth 26,4 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 Folerance 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 Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32	Fraversing distance (C-track)	
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 Folerance 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 Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32		
Freedom from ingredients (jacket) Lead-free, cadmium-free, CFC-free, halogen-free silicone-free An ount wires Duter diameter (sheath) Lead-free, cadmium-free, CFC-free, halogen-free silicone-free An ount wires Lead-free, cadmium-free, CFC-free, halogen-free silicone-free Lead-free, cadmium-free, CFC-free, halogen-free silicone-free Lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Material jacket	
Outer-diameter (jacket) 4,1 mm Folerance 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 Ingredient freeness wire insulation Ingredient freeness wire insulation Amount strands (wire) 32	Shore hardness jacket	90 ± 5 Shore A
Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Duter diameter insulation 1,25 mm Duter diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free Amount strands (wire) 32	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 Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32	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 Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32	olerance outer diameter (sheath)	± 5 %
Duter diameter insulation 1,25 mm Duter diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32	Material wire insulation	PP
Duter diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32	Amount wires	3
Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32	Outer diameter insulation	1,25 mm
ngredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32	Outer diameter tolerance core insulation	±5%
Amount strands (wire) 32	Shore hardness wire insulation	
	ngredient freeness wire insulation	· · · · · · · · · · · · · · · · · · ·
Diameter of single wires 0,1 mm	Amount strands (wire)	
		0.1 mm



Conductor crosssection (wire)	0,25 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	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	IEC 60332-2-2 UL 1581 § 1100 FT2 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)	10 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min