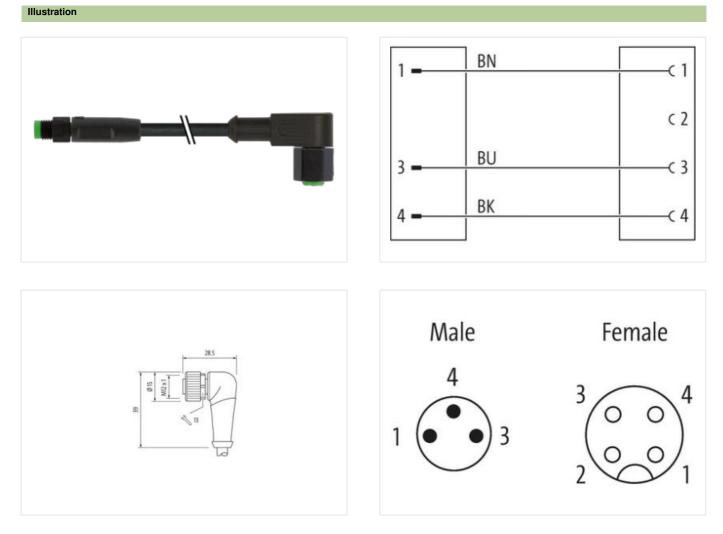


M8 male 0° / M12 female 90° A-cod. V4A

FEP 5xAWG22 bk 0.6m

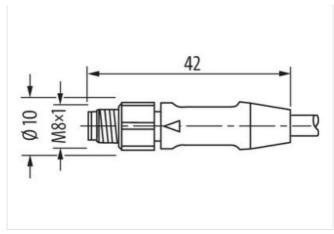
Male straight – female 90° M8 – M12, 3-pole Stainless steel 1.4404 (V4A), PTFE coated Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product



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: 2024-04-19





Product may differ from Image

Cable length	0,6 m
Side 1	
Tightening torque	0,4 Nm
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal \emptyset)	10 mm
Coding	Α
Width across flats	SW9
Side 2	
Tightening torque	0,6 Nm
Family construction form	M12
Thread	M12 x 1
Coding	A
Width across flats	SW13
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	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	4048879500739
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	60 V
Operating voltage DC max.	60 V
Current operating per contact max.	4 A
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP67
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV

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Material group (IEC 60664-1)

Nechanical dataCoaling lockingPTE baschieldMatrial gaketFKAMatrial TousingPURCoolorg matrialStamises stool 1.4404 (VA4)Mechanical data Mounting dataInserted, screwed, Shaking protectionEnvironmental characteristics Climate-25 °COperating temperature max.85 °GOperating temperature max.85 °GAdditional condition temperature may.88 °GAdditional condition temperature may.80 °GCaloin weight44,80 °GAdditional condition temperature may.87 °GCaloin weight5 °SCaloin weight5 °SCaloin weight5 °SCaloin weight5 °SCaloin weight6		·
Material gasket FKM Material housing PUR Locking material Stainlines steel 1.4404 (V4A) Mechanical data Mounting data inserted. screwed. Shaking protection Exvironmanial characteristics Climatic Groups and generature max. Operating temporature max. 85 °C Additional condition temporature range depending on cable quality Installation Cable Cable condition in temporature range Cable condition temporature range depending on cable quality Installation Cable Cable condition in temporature range Cable condition temporature range Bask Additional condition in temporature range Bask Amount stranding 1 Stranding S wites around Filer twisted Banding PTEF-Foile File yes wire arrangement Erver S Storn D Fasedon from ingredients (acket) Isad-Yes CPC-free, habogen-free Cable adquit wire instalation F5 % File Yes Forear outer dimeter (sheathy) 55 % Cader dinateer (sheathy) 55 % </td <td>Mechanical data Material data</td> <td></td>	Mechanical data Material data	
Material Insuing PUR Lonking material Stainless steel 1.4404 (V4A) Mechanical Catal [Mounting data Mechanical Catal [Mounting data Mauring method inserted, screwed, Shaking protection Environmental characteristics [Climatic Operating temperature max. 85 °C Additional condition temperature may depending on cable quality Insainlation 1 Cable Externation 1 Cable identification 828 Jackel Color black Amount stranding 1 Stranding PTEF-Folie Filer yes Wire arrangement brown, black, blue, while, green yellow Cable weight 44.88 g/m Material landness jockut 57 ± 5 Shore D Freedom irom ingredients (gackut) 54 - 5 Outer -dimeter (gackut) 4.3 mm Outer -dimeter (gackut) 1.3 mm Outer -dimeter (gackut) 1.5 % Material landness jock were insulation 1.5 % Material landnest insulation 1.5 % Material landnes insulation 1.5 % <t< td=""><td>Coating locking</td><td>PTFE beschichtet</td></t<>	Coating locking	PTFE beschichtet
Material Invasing PUB Lodking malorial Stainless steel 1.4404 (V4A) Mechanical Ideal, Mounting data inserted, screwed, Shaking protection Environmental characteristics Climatic Coparating temporature max. Operating temporature max. 85 °C Operating temporature max. 85 °C Additional condition temperature range depending on cable quality Inselated Cole Datak Cable identification 828 Jacket Color Datak Amount stranding 1 Stranding PTEF-Folie Filer yes wire arrangement brown, black, blow, while, green yellow Cable weigh 44.88 ym Material goket FEP Strond moders (gaket) 57 ± 5 Shore D Freedom trom ingredents (gaket) 4.34 ym Material goket FEP Strond fuelter (shact) 4.3 mm Outer diameter (gaket) 5 5 % Material goket FEP Amount strands (wrie) 19 Damount strands (wrie) 13 mm	Material gasket	FKM
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Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic 25° C Operating temperature max. 85° C Additonal condition temperature range depending on cable quality Installication 283 Jacket Color Black Amount stranding 1 Stranding 5 wires around Filter twisted Banding PTEE Foile Filter yes wire arroung method kwires around Filter twisted Banding PTEE Foile Filter yes wire arroung method kwires around Filter twisted Banding PTEE Foile Filter yes Cable weigh 44.88 g/m Material jacket FEP Shore hardness jacket 57.5 Shore D Filter dumeter insulation 1.3 mm Outer diameter insulation 1.3 mm Outer diameter insulation 1.3 mm Outer diameter insulation 5.5 Shore D Interret oferance ouer ories insulation 5.5 Shore D I	Mechanical data Mounting data	
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wire arrangement brown, black, blue, white, green-yellow Cable weigth 44.88 g/m Material jacket FEP Shore hardness jacket 57 ± 5 Shore D Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 4,3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation FEP Amount wires 5 Outer diameter tolerance core insulation 1,3 mm Outer diameter tolerance core insulation 1,5 % Shore hardness wire insulation 5 5 5 5 5 shore D Ingredient freeness wire insulation 162 fs 5 % Shore hardness wire insulation lead-free, CFC-free, halogen-free Amount wires 5 Conductor crossection (wire) 19 Diameter of single wires 22 AWG Material conductor wire copper stranded wire, tinned Current load capacity min. wire 45 A Electrical resistance line constant wire 52 / 2 / km @ 20 °C Nominal voltage power (AC max. 600 V Power frequency withstand voltage power (wire - wire)	Banding	PTFE-Folie
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Ingredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)19Diameter of single wires22 AWGConductor crosssection (wire)22 AWGMaterial conductor wirecopper stranded wire, tinnedCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,5 AElectrical resistance line constant wire52,2 Ω/km @ 20 °CNominal voltage power AC max.600 VPower frequency withstand voltage power2 kV @ 60 sMin. operating temperature (static)-100 °CMax. operating temperature (fixed)180 °COperating temperature max. (dynamic)180 °CUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2	Outer diameter tolerance core insulation	± 5 %
Amount strands (wire)19Diameter of single wires22 AWGConductor crosssection (wire)22 AWGMaterial conductor wirecopper stranded wire, tinnedCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,5 AElectrical resistance line constant wire52,2 Ω/km @ 20 °CNominal voltage power AC max.600 VPower frequency withstand voltage power (wire - jacket)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (static)-100 °CMax. operating temperature (fixed)180 °COperating temperature max. (dynamic)180 °CUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2	Shore hardness wire insulation	55 ± 5 Shore D
Amount strands (wire)19Diameter of single wires22 AWGConductor crosssection (wire)22 AWGMaterial conductor wirecopper stranded wire, tinnedCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,5 AElectrical resistance line constant wire52,2 Ω/km @ 20 °CNominal voltage power AC max.600 VPower frequency withstand voltage power (wire - jacket)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (static)-100 °CMax. operating temperature (fixed)180 °COperating temperature max. (dynamic)180 °CUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2	Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Diameter of single wires22 AWGConductor crosssection (wire)22 AWGMaterial conductor wirecopper stranded wire, tinnedCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,5 AElectrical resistance line constant wire52,2 Ω/km @ 20 °CNominal voltage power AC max.600 VPower frequency withstand voltage power (wire - jacket)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (static)-100 °CMax. operating temperature (fixed)180 °COperating temperature min. (dynamic)-100 °CUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2		
Conductor crosssection (wire)22 AWGMaterial conductor wirecopper stranded wire, tinnedCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,5 AElectrical resistance line constant wire52,2 Ω/km @ 20 °CNominal voltage power AC max.600 VPower frequency withstand voltage power (wire - jacket)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (static)-100 °CMax. operating temperature (fixed)180 °COperating temperature min. (dynamic)-100 °CUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2		22 AWG
Material conductor wirecopper stranded wire, tinnedCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,5 AElectrical resistance line constant wire52,2 Ω/km @ 20 °CNominal voltage power AC max.600 VPower frequency withstand voltage power (wire - jacket)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (static)-100 °CMax. operating temperature (fixed)180 °COperating temperature min. (dynamic)-100 °CUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2	Conductor crosssection (wire)	22 AWG
Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,5 AElectrical resistance line constant wire52,2 Ω/km @ 20 °CNominal voltage power AC max.600 VPower frequency withstand voltage power (wire - jacket)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (static)-100 °CMax. operating temperature (fixed)180 °COperating temperature min. (dynamic)-100 °CUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2		copper stranded wire, tinned
Electrical resistance line constant wire52,2 Ω/km @ 20 °CNominal voltage power AC max.600 VPower frequency withstand voltage power (wire - jacket)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (static)-100 °CMax. operating temperature (fixed)180 °COperating temperature max. (dynamic)-100 °COperating temperature max. (dynamic)180 °CUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2	Current load capacity (standard)	to DIN VDE 0298-4
Nominal voltage power AC max.600 VPower frequency withstand voltage power (wire - jacket)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (static)-100 °CMax. operating temperature (fixed)180 °COperating temperature min. (dynamic)-100 °COperating temperature max. (dynamic)180 °CUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2		4,5 A
Power frequency withstand voltage power (wire - jacket)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (static)-100 °CMax. operating temperature (fixed)180 °COperating temperature min. (dynamic)-100 °COperating temperature max. (dynamic)180 °CUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2	Electrical resistance line constant wire	52,2 Ω/km @ 20 °C
(wire - jacket) 2 kV @ 60 s AC withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -100 °C Max. operating temperature (fixed) 180 °C Operating temperature min. (dynamic) -100 °C Operating temperature max. (dynamic) 180 °C UV resistance DIN EN ISO 4892-2 A Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2	Nominal voltage power AC max.	600 V
Min. operating temperature (static)-100 °CMax. operating temperature (fixed)180 °COperating temperature min. (dynamic)-100 °COperating temperature max. (dynamic)180 °CUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2		2 kV @ 60 s
Max. operating temperature (fixed)180 °COperating temperature min. (dynamic)-100 °COperating temperature max. (dynamic)180 °CUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2	AC withstand voltage power (wire - wire)	2 kV @ 60 s
Operating temperature min. (dynamic)-100 °COperating temperature max. (dynamic)180 °CUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2	Min. operating temperature (static)	-100 °C
Operating temperature max. (dynamic)180 °CUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2	Max. operating temperature (fixed)	180 °C
UV resistance DIN EN ISO 4892-2 A Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2	Operating temperature min. (dynamic)	-100 °C
Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2	Operating temperature max. (dynamic)	180 °C
	UV resistance	DIN EN ISO 4892-2 A
chemical resistance Good, application-related testing	Flame resistance	UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2
., •	chemical resistance	Good, application-related testing
Gasoline resistance Good, application-related testing	Gasoline resistance	Good, application-related testing
Oil resistance DIN EN 60811-404 Good, application-related testing	Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed) 7,5 x Outer diameter	Bending radius (fixed)	7,5 x Outer diameter

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: 2024-04-19



Bending radius (dynamic)

15 x Outer diameter

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: 2024-04-19