

CI L5Fx-S-xM-PUR

Datenleitung für Aktoren und Sensoren, geschirmte Ausführung, schleppkettenegeeignet

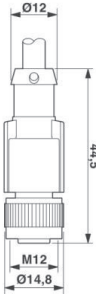
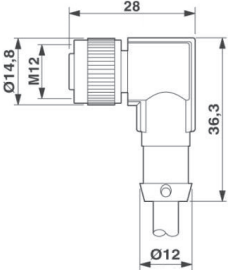
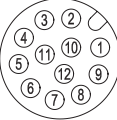


Vibrationsbeständig, schleppkettene geeignet, ölbeständig, hydrolyse- und mikrobe nresistent, flammwidrig, RoHS-konform, halogenfrei



068-14943 24.09.2019-00
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ALLGEMEINE DATEN (TYP.)	
Typ	Datenleitung für Aktoren und Sensoren
Länge	2 m / 5 m / 10 m
Anschluss	M12
Polzahl	5
TECHNISCHE DATEN (TYP.)	
Art des Steckerkontaktes	M12 Buchse
Kodierung der Steckverbinder	gerade / 90 ° gewinkelt
Mechanische Lebensdauer	A
Außendurchmesser Leitung	≥ 100 Steckzyklen
Leiteranzahl x Leiterquerschnitt	5,25 mm
Schirmung	5 x 0,34 mm ²
Anzugsdrehmoment	✓
	0,4 Nm
UMGEBUNGSBEDINGUNGEN (TYP.)	
Schleppkettene geeignet	✓
Biegezyklen [Mio.]	> 4
Temperaturbereich fest / bewegt	-40 ... +80 °C / -25 ... +80 °C
Biegeradius fest / bewegt	5 x Ø / 10 x Ø (bis +60 °C)
Schutzart montiert	IP 65, IP 67
Verschmutzungsgrad	3
WERKSTOFFE (TYP.)	
Material Gehäuse, Griffkörper	TPU
Material Kontaktträger	TPU GF
Kontaktmaterial Oberflächenveredelung	CuSn, vergoldet
Material (Mutter) Verschraubung	ZDG, vernickelt
Material Dichtung	NBR
Leitungsmaterial	PUR
Leitungsfarbe	schwarz
Halogenfrei	✓
ELEKTRISCHE DATEN (TYP.)	
Nennstrom (40 °C)	4 A
Nennspannung	125 V
Bemessungsspannung	60 V
Isolationswiderstand	≥ 100 MΩ
Durchgangswiderstand	≤ 5 mΩ
Überspannungskategorie	II

MASSBILD			PINBELEGUNG	
M12 gerade	M12 90 ° gewinkelt		M12	
				1 = BN 2 = WH 3 = BU 4 = BK 5 = GY 6-12 = NC

BESTELLBEZEICHNUNG	ARTIKEL-NR.	BESCHREIBUNG	LEITUNGSLÄNGE
CI L5FGS-2m-PUR	902-51813	M12, 12-polig, gerade, A-codiert	2 m
CI L5FGS-5m-PUR	902-51814		5 m
CI L5FGS-10m-PUR	902-51815		10 m
CI L5FWS-2m-PUR	902-51816	M12, 12-polig, 90 ° gewinkelt, A-codiert	2 m
CI L5FWS-5m-PUR	902-51817		5 m
CI L5FWS-10m-PUR	902-51818		10 m

Data sheet

CI L5Fx-S-xM-PUR

Data lines for actuators and sensors
Shielded, suitable for drag chains

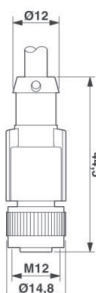
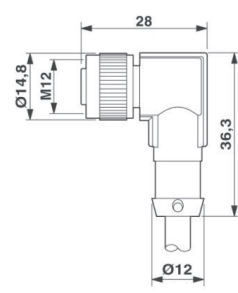
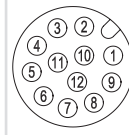


Vibration resistant, suitable for drag chains,
oil resistant, hydrolysis and microbe-resistant,
flame retardant, ROHS compliant, halogen-free



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GENERAL DATA (TYP.)	
Typ	Data lines for actuators and sensors
Length	2 m / 5 m / 10 m
Connection	M12
Number of poles	5
TECHNICAL DATA (TYP.)	
Type of plug contact	M12 female
	Straight / 90 ° angled
Coding of the connectors	A
Mechanical life	≥ 100 mating cycles
Outer diameter cable	5,25 mm
Number of conductors x cross section	5 x 0,34 mm ²
Shielding	✓
Tightening torque	0.4 Nm
ENVIRONMENTAL CONDITIONS (TYP.)	
Suitable for drag chains	✓
Bending cycles [Mio.]	> 4
Temperature range fixed / moved	-40 ... +80 °C / -25 ... +80 °C
Bending radius fixed / moved	5 x Ø / 10 x Ø (up to +60°C)
Degree of protection (IP) mounted	IP 65, IP 67
Pollution degree	3
MATERIALS (TYP.)	
Material housing, handle body	TPU
Material contact carrier	TPU
Contact material surface finishing	CuZn, gold plated
Material (nut) screw connection	CuZn, nickel plated
Material sealing	FPM / FKM
Connector color (housing color)	Black
Material cable	PUR
Cable color	Black
Halogen-free	✓
ELECTRICAL DATA (TYP.)	
Rated current (40 °C)	4 A
Nominal voltage	125 V
Rated voltage	60 V
Insulation resistance	≥ 100 MΩ
Contact resistance	≤ 5 mΩ
Overvoltage category	II

DIMENSION DRAWING			PIN ASSIGNMENT	
M12 straight	M12 90 ° angled		M12	
				1 = BN 2 = WH 3 = BU 4 = BK 5 = GY 6-12 = NC

PART CODE	ARTICLE NUMBER	DESCRIPTION	CABLE LENGTH
CI L5FGS-2m-PUR	902-51813	M12, 12-pin, straight, A-coded	2 m
CI L5FGS-5m-PUR	902-51814		5 m
CI L5FGS-10m-PUR	902-51815		10 m
CI L5FWS-2m-PUR	902-51816	M12, 12-pin, 90 ° angled, A-coded	2 m
CI L5FWS-5m-PUR	902-51817		5 m
CI L5FWS-10m-PUR	902-51818		10 m