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Sensor/actuator cable, 5-position, PUR halogen-free, black-gray RAL 7021, shielded



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	100 pc
GTIN	4 055626 204734
GTIN	4055626204734
Weight per Piece (excluding packing)	245.500 g
Custom tariff number	85444290
Country of origin	Poland
Note	Made to Order (non-returnable)

Technical data

General

Rated current at 40°C	4 A
Rated voltage	48 V AC
	60 V DC
Number of positions	5
Status display	No
Overvoltage category	II
Degree of pollution	3

Material

Flammability rating according to UL 94	HR
Transmity rating according to GE 54	ПО

Standards and Regulations

Flammability rating according to UL 94	НВ
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Cable

Cable type	PUR halogen-free black
Cable type (abbreviation)	PUR
Cable abbreviation	LiF9YC11Y
UL AWM style	20549
Conductor cross section	5x 0.34 mm² (Signal line)



Technical data

Cable

Mire colors Diverall twist Swires around Shielding Tinned copper By Special shield covering External sheath, color External cable diameter D Smallest bending radius, fixed installation Smallest bending radius, movable installation Smallest bending cycles Smallest bending cycles Smallest pending cycles Brown, white, I Some around Some around Smallest beath, color Smallest bending radius, fixed installation Smallest bending radius, movable installation Smallest bending cycles Bouldout a 10000000 Smallest bending cycles 10000000 Smallest bending cycles 10000000 Smallest bending radius, movable installation Smallest bending radius, fixed installation 52 mm (up to - 10000000 Smallest bending radius, fixed installation 52 mm (up to - 10000000 Smallest bending radius, fixed installation 52 mm (up to - 10000000 Smallest bending radius, fixed installation 52 mm (up to - 10000000 Smallest bending radius, fixed installation 52 mm (up to - 10000000 Smallest bending radius, fixed installation 52 mm (up to - 10000000 Smallest bending radius, fixed installation 52 mm (up to - 10000000 Smallest bending radius, fixed installation 52 mm (up to - 10000000 Smallest bending radius, fixed installation 52 mm (up to - 10000000 Smallest bending radius, fixed installation 52 mm (up to - 10000000 Smallest bending radius, fixed installation 52 mm (up to - 10000000 Smallest bending radius, fixed installation 52 mm (up to - 10000000 Smallest bending radius, fixed installation 52 mm (up to - 10000000 Smallest bending radius, fixed installation 52 mm (up to - 10000000 Smallest bending radius, fixed installation 52 mm (up to - 10000000 Smallest bending radius, fixed installation 52 mm (up to - 10000000 Smallest bending radius, fixed installation 52 mm (up to - 10000000 Smallest bending radius, fixed installation 52 mm (up to - 10000000 Smallest bending radius, fixed installation 52 mm (up to - 10000000 10000000 10000000 10000000		
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Special properties Flexible cable Flame resistance in accordance DIN EN 60332 Halogen-free in accordance Resistance to oil in accordance	5)	
Flame resistance in accordance DIN EN 60332 Halogen-free in accordance Resistance to oil in accordance	3000 V (at 20 °C)	
DIN EN 60332 Halogen-free in accordance Resistance to oil in accordance	conduit capable	
Halogen-free in accordance Resistance to oil in accordance	with UL 758/1581 FT2	
Resistance to oil in accordance	2-2 (20 s)	
	with DIN VDE 0472 part 815	
20	with DIN EN 60811-2-1	
Other resistance hydrolysis and	microbe resistant	
partly UV-resis	tant in accordance with DIN EN ISO 4892-2-A	
Ambient temperature (operation) -40 °C 80 °C	(cable, fixed installation)	
-25 °C 80 °C	(cable, flexible installation)	

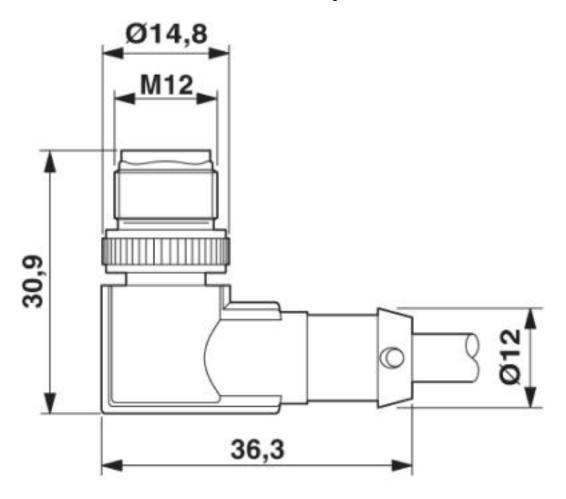
Environmental Product Compliance

	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings



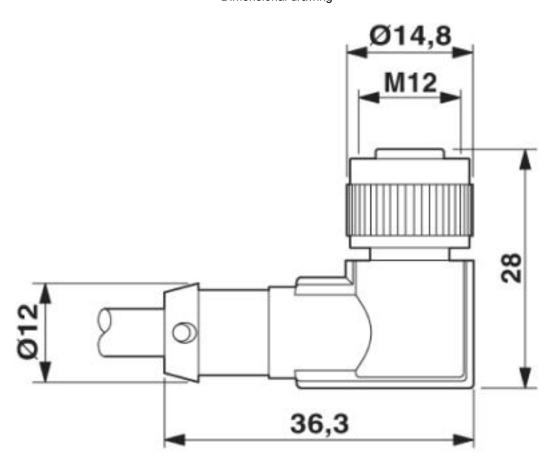
Dimensional drawing



M12 x 1 male plug, angled, shielded



Dimensional drawing



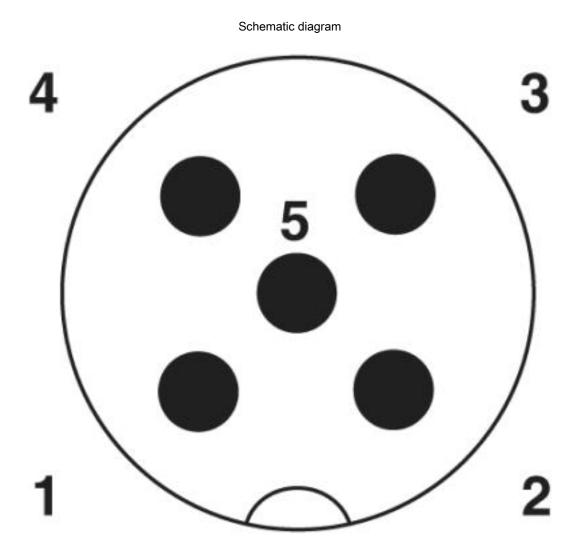
M12 x 1 socket, angled, shielded

Circuit diagram



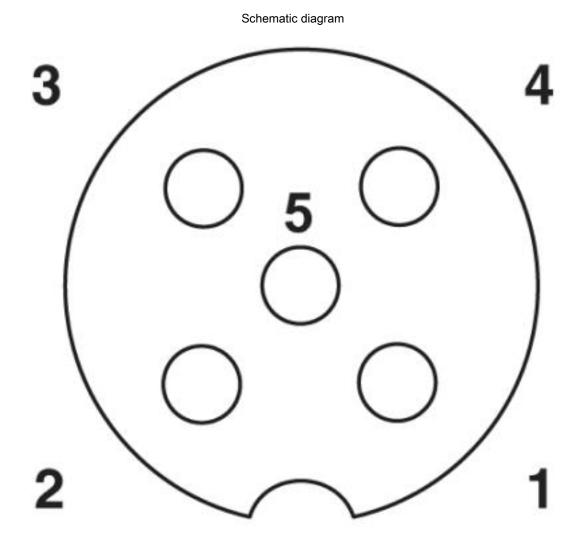
Contact assignment of the M12 plug and the M12 socket





Pin assignment M12 male connector, 5-pos., A-coded, male side





Pin assignment M12 socket, 5-pos., A-coded, socket side view



Cable cross section



PUR halogen-free black [PUR]

Classifications

eCl@ss

eCl@ss 8.0	27279218
eCI@ss 9.0	27060311

ETIM

ETIM 5.0 EC001855	
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