

PDC-4P-138MR/ 2,0-U80/138FR - Power cable



1423275

<https://www.phoenixcontact.com/us/products/1423275>

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Power cable, 4-position, TPE, black, Plug angled 1-3/8"-16UN, coding: Standard, on Socket angled 1-3/8"-16UN, coding: Standard, cable length: 2 m

Commercial data

Item number	1423275
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF14
Product key	AF1INA
GTIN	4067923053076
Weight per piece (including packing)	22.22 g
Weight per piece (excluding packing)	22.22 g
Country of origin	MX

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Technical data

Product properties

Product type	Sensor/actuator cable
Number of positions	4
Shielded	no

Material specifications

Flammability rating according to UL 94	V0
Material of grip body	Thermoplastic
Contact material	CuZn
Contact surface material	Au
Contact carrier material	Thermoplastic
Material for screw connection	Anodized aluminum

Electrical properties

Insulation resistance	5000 MΩ
Nominal voltage U_N	600 V AC (UL rating)
	50 V AC (IEC rating)
Nominal current I_N	25 A (UL 2237)

Mechanical properties

Mechanical data

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Single wire, color	black 1, green 2, red 3, white 4
Overall twist	4 wires, twisted
Nominal voltage, cable	600 V 3 wire
Flame resistance	FT4
Resistance to oil	yes
Other resistance	Wet locations
Ambient temperature (operation)	-40 °C ... 90 °C (cable, fixed installation)

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
Ambient temperature (operation) (male connector/female connector)	-40 °C ... 90 °C (Plug / socket)
Ambient temperature (operation) (Cable, fixed installation)	-40 °C ... 90 °C (cable, fixed installation)

Standards and regulations

Standards/specifications	UL 2237
Note	SCCR 65KA
Standard designation	Vibration
Standards/specifications	MIL-STD-202 method 204
Standard designation	Thermal shock
Standards/specifications	MIL-STD-202 method 207
Standard designation	48 hour salt spray
Standards/specifications	

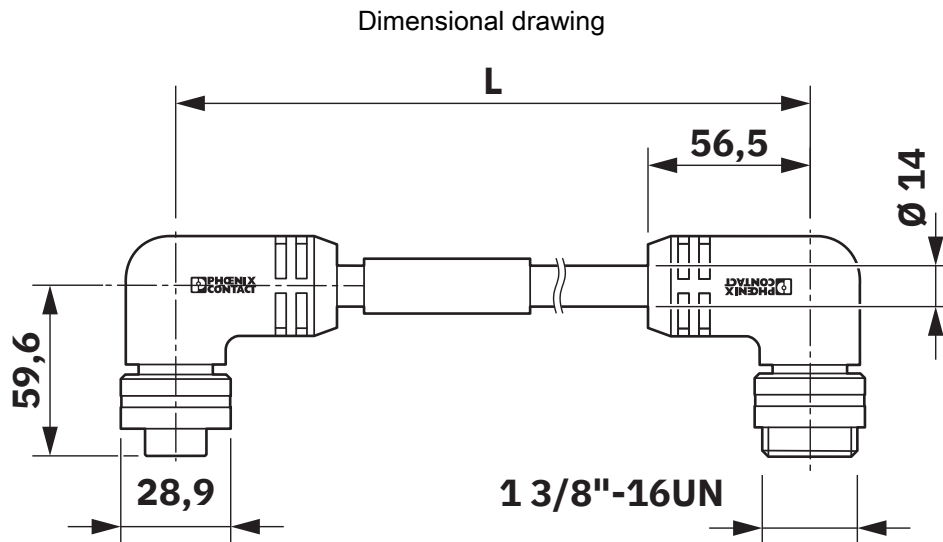
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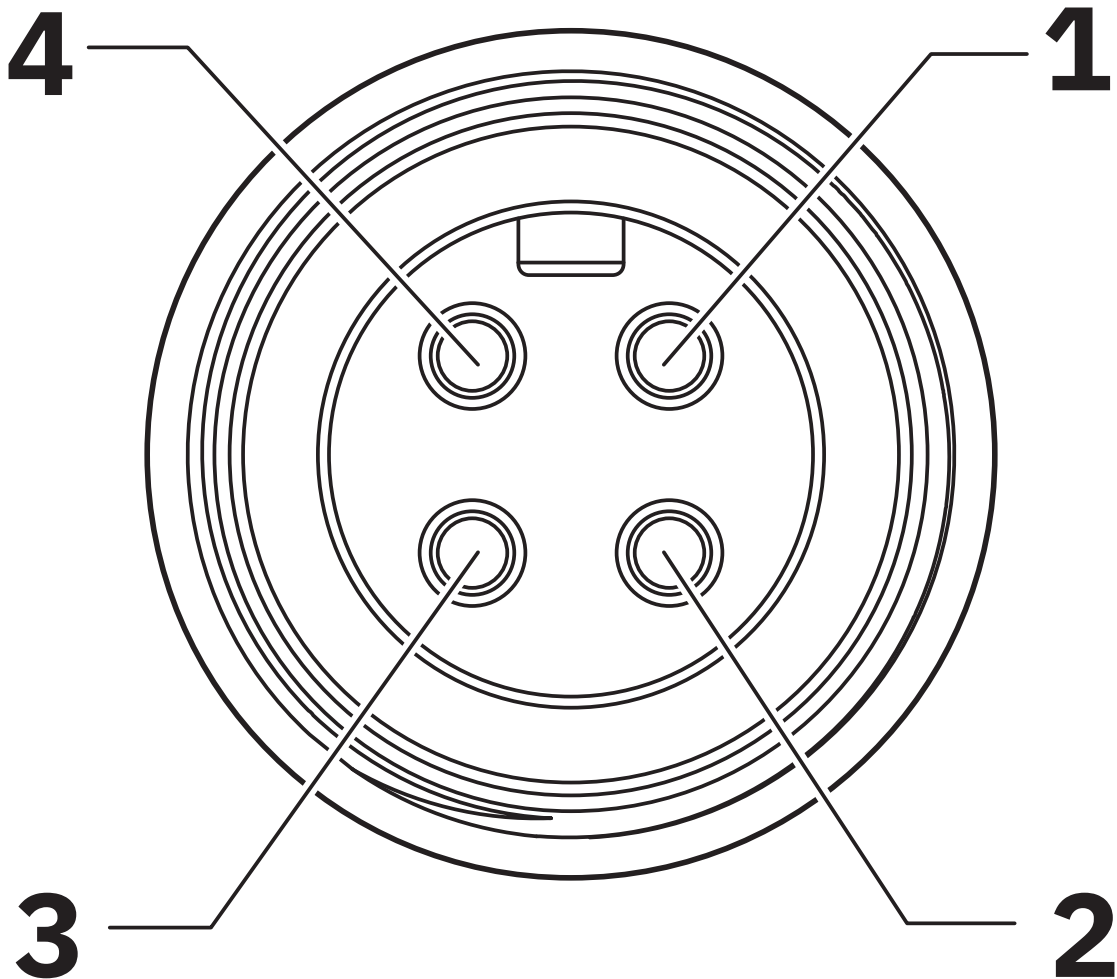
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Drawings



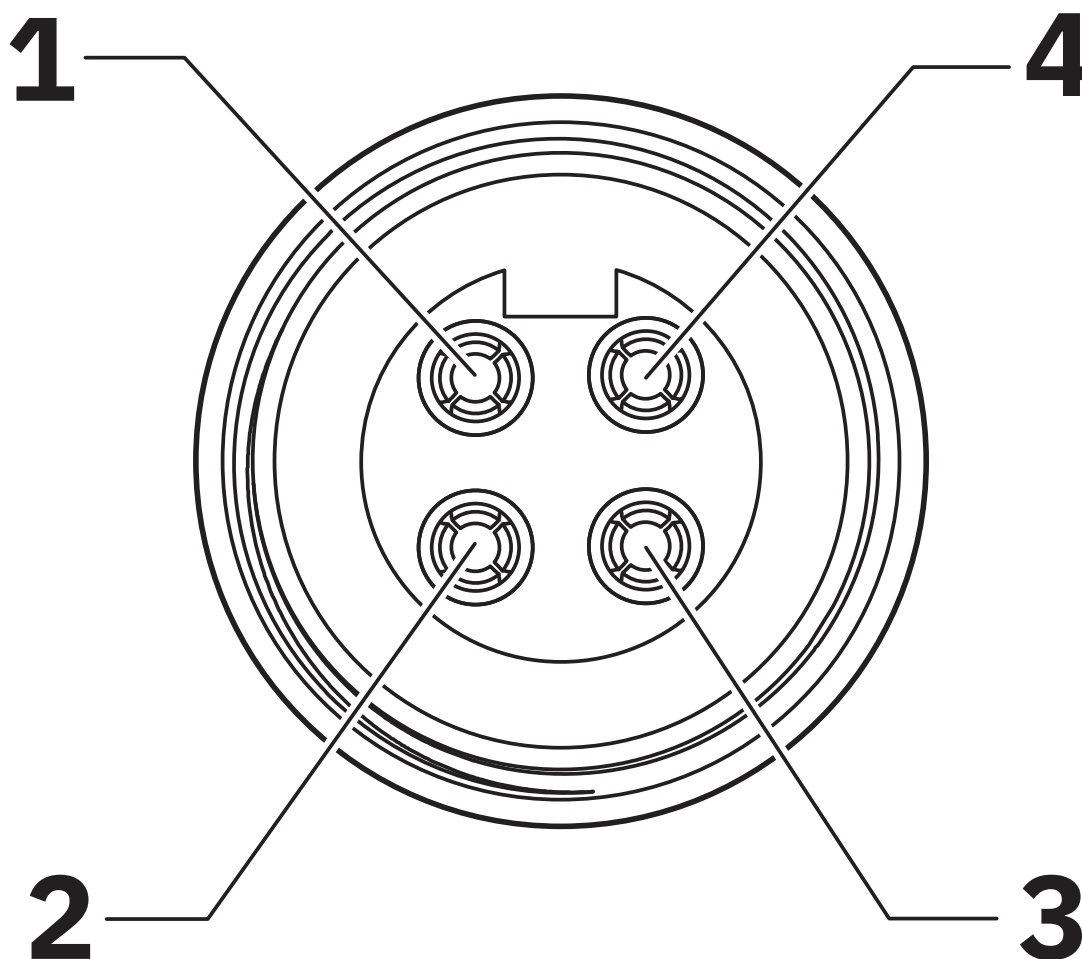
1-3/8"-16UN cordset

Schematic diagram



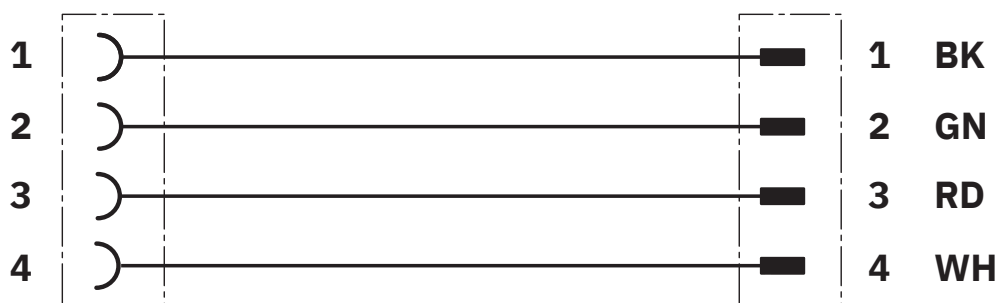
Pin assignment, plug, 1-3/8"-16UN, 4-pos., view of male side

Schematic diagram



Pin assignment, socket, 1-3/8"-16UN, 4-pos., view of female side

Circuit diagram



Contact assignment of 1-3/8" plugs/

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Classifications

ECLASS

ECLASS-13.0	27060311
ECLASS-15.0	27060311

ETIM

ETIM 9.0	EC001855
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Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Not applicable, Not qualified for the European market
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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