



Circular connector M12 4-pin with coupling ring, die-cast zinc

Product characteristics

- Good resistance to chemicals and oil
- High protection class and high temperature range to meet the demands of adverse industrial environments
- Suitable for all sensors and float switches with appropriate connection

Technical drawing

IMAGE 1/3

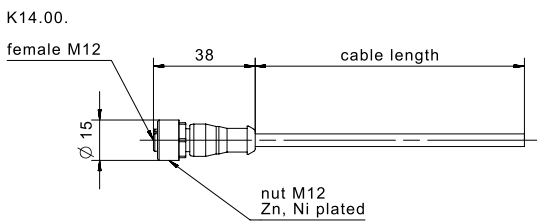


IMAGE 2/3

female M12

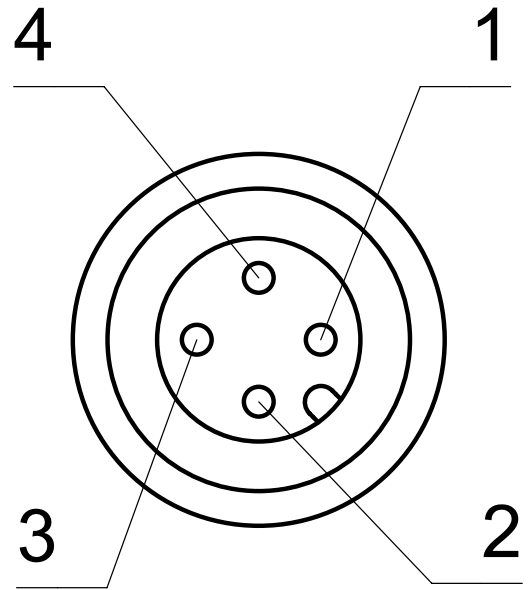


IMAGE 3/3

- 1) ————— BN
- 2) ————— WH
- 3) ————— BU
- 4) ————— BK

Electrical data

Attribute	K14G...	K14H...
Max. switching current per contact	4 A	
Rated impulse withstand voltage (Uimp)	2500 V	
Operating voltage max.	250 V DC	
Operating voltage max.	250 V AC	

Properties

Attribute	K14G...	K14H...
Cable colour	schwarz	

Material information

Attribute	K14G...	K14H...
Cable material	PVC	PUR
Nut material	Zinkdruckguss vernickelt	
Overmould material	PUR	

Environmental conditions

Attribute	K14G...	K14H...
Operating temperature min.	-25 °C	
Max. operating temperature	70 °C	80 °C
Min. storage temperature	-25 °C	
Max. storage temperature	70 °C	80 °C
Min. cable temperature range, moving	-5 °C	-25 °C
Max. cable temperature range, moving	70 °C	80 °C
Min. cable temperature range, fixed installation	-25 °C	
Max. cable temperature range, fixed installation	70 °C	80 °C

Installation

Attribute	K14G...	K14H...
Torque for nuts	0,6 N m	

Connection

Attribute	K14G...	K14H...
Connector type	M12 Buchse gerade	
Cable length	10 m	
Cable diameter	5 mm	4,7 mm
Number of pins	4	
Number of strands	4	
Wire cross section	0.34 mm ²	

Approvals

Attribute	K14G...	K14H...
Certified in accordance with	UL/CSA	