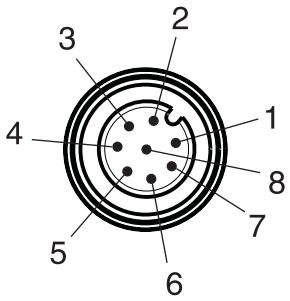
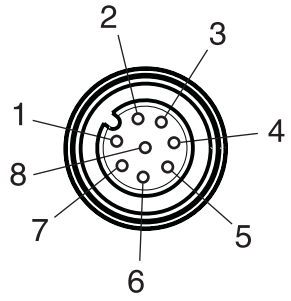
Adapter M12 8p M12 8p

Connector pin assignment

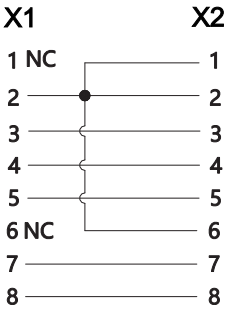


Plan view of plug-in connector X1

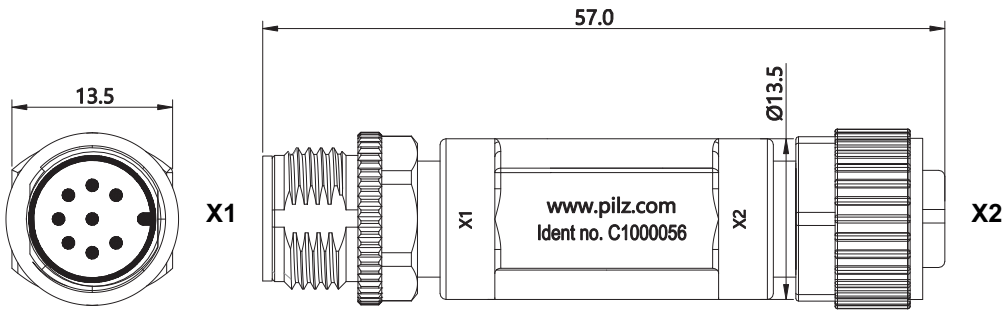


Plan view of plug-in connector X2

Contact assignment



Dimensions in mm



Adapter M12 8p M12 8p

Technical details

General	
Certifications	**CE, UKCA**
Electrical data	
Rated voltage	
Voltage UB	**30 V**
Rated current	**2 A**
Insulation resistance	**100 MOhm**
Volume resistance	**5 mOhm**
Environmental data	
Ambient temperature	
Temperature range	**-25 - 85 °C**
Airgap creepage	
Pollution degree	**3**
Protection type	
X1 when inserted	**IP67 when screwed in place**
X2 when inserted	**IP67 when screwed in place**
Mechanical data	
Plug connector X1	**M12, 8-pin male connector**
in accordance with the standard	**IEC 61076-2-101**
Form, plug-in connector X1	**Straight**
Coding of plug-in connector X1	**A-coded**
Housing colour of plug-in connector X1	**Black**
Plug connector X2	**M12, 8-pin female connector**
in accordance with the standard	**IEC 61076-2-101**
Form, plug-in connector X2	**Straight**
Coding of plug-in connector X2	**A-coded**
Housing colour of plug-in connector X2	**Yellow**
Material of ring nut X1	**Zn nickel-plated**
Material of ring nut X2	**Zinc with gold coating**
Housing material X1	**TPU**
Housing material X2	**TPU**
Material of contact surface X1	**CuZn gold-plated**
Material of contact surface X2	**CuZn gold-plated**
Material of gasket	**FKM**
Material of pin	**CuZn gold-plated**
Material of socket	**CuZn gold-plated**
Mating cycles X1	**500**
Mating cycles X2	**500**
Colour of housing	**Yellow**

Adapter M12 8p M12 8p

Mechanical data	
Halogen-free	**No**
Silicone-free	**No**
Non-flammability	**FT2**
Material	
Housing	**TPU**
Torque of the interlock screw	**0.4 ... 0.8 Nm**
Weight	**17 g**

Order reference

Product type	Features	Product ID
Adapter/GB/ M12-8SMX/ M12-8SFX/XXX-XXXX/XX	I-adapter for connecting a PSENcode to the PITgatebox IOLS, 8-pin M12 female connector, straight, A-coded on 8-pin M12 male connector, straight, A-coded	C1000056