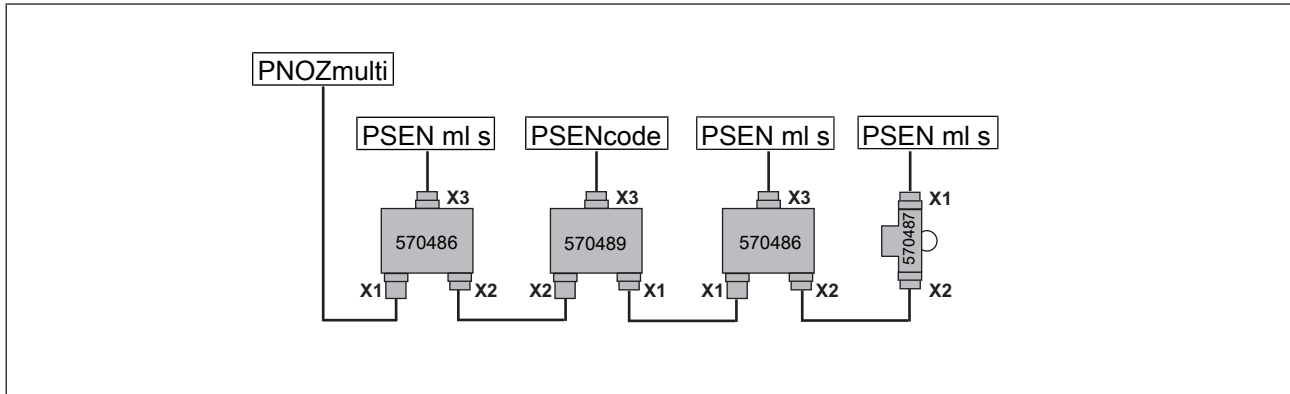


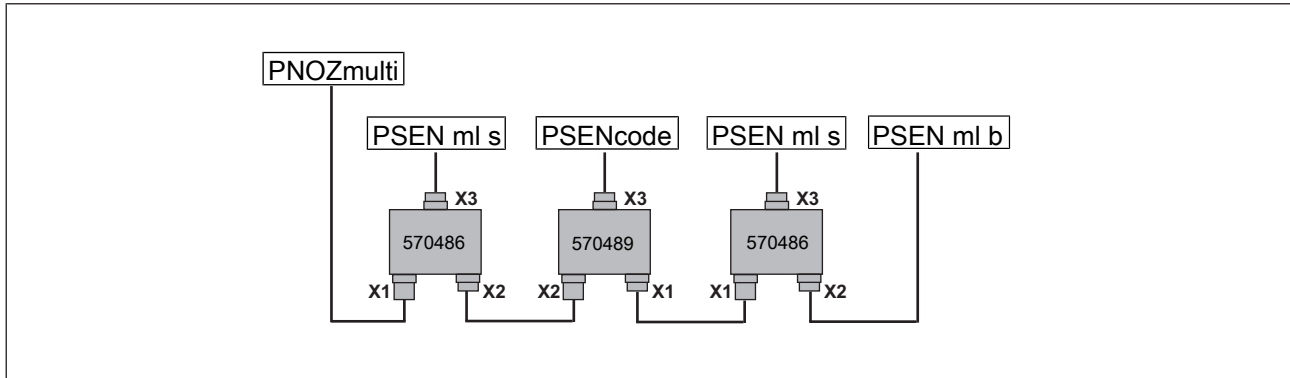
PSEN ml/cs Y junction M12/PSEN ml end adapter

Connection



Legend

	Order no. 570486	Order no. 570489	Order no. 570487
X1	M12 male connector	M12 female connector	M12 female connector
X2	M12 female connector	M12 male connector	M12 male connector
X3	M12 female connector	M12 female connector	-



Legend

	Order no. 570486	Order no. 570489
X1	M12 male connector	M12 female connector
X2	M12 female connector	M12 male connector
X3	M12 female connector	M12 female connector

PSEN ml/cs Y junction M12/PSEN ml end adapter



INFORMATION

If you want to use Safety Device Diagnostics, one of the listed adapters must be used instead of PSEN ml / PSENcs Y junction M12 (order no. 570489):

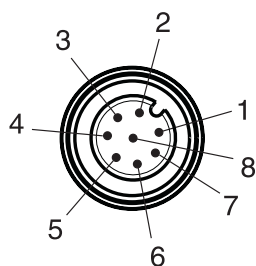
- PSEN Y junction M12 SENSOR (order no. 540315)
- PSEN Y junction M12 cable channel (order no. 540316)
- PSEN Y junction M12 SENSOR (order no. 540337)
- PSEN Y junction M12-M12/M12 PIGTAIL (order no. 540338)

Which adapter to use will depend on the relevant PSENcode.

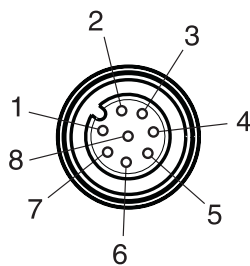
PSEN ml/cs Y junction M12/PSEN ml end adapter

Connector pin assignment

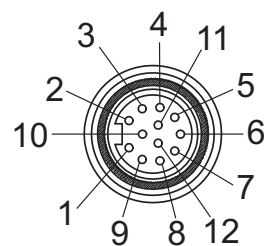
- PSEN ml Y junction M12, order no. 570 486
Adapter for series connection of PSEN ml



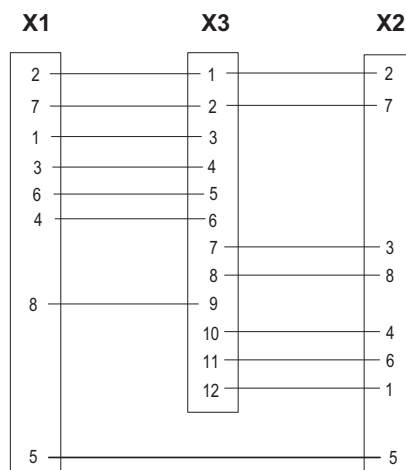
Plan view of plug-in connector X1



Plan view of plug-in connector X2



Plan view of plug-in connector X3

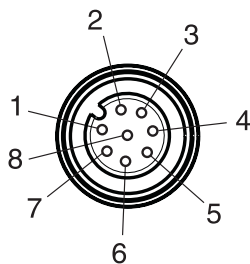


Contact assignment

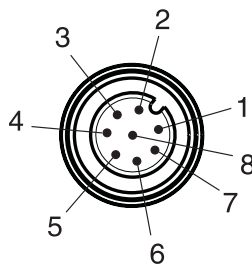
PSEN ml/cs Y junction M12/PSEN ml end adapter

► PSEN ml / PSENcs Y junction M12, order no. 570489

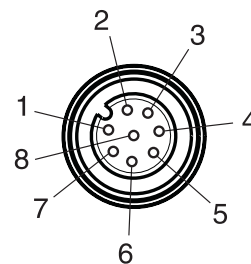
Adapter for incorporating a PSEN cs into the series connection



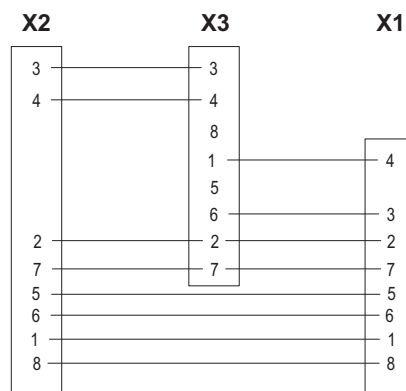
Plan view of plug-in connector X1



Plan view of plug-in connector X2



Plan view of plug-in connector X3

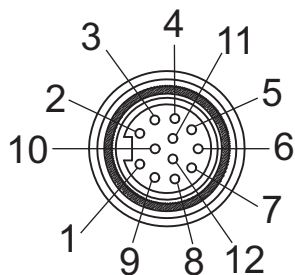


Contact assignment

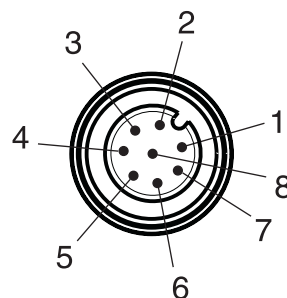
PSEN ml/cs Y junction M12/PSEN ml end adapter

► PSEN ml end adapter, order no. 570487

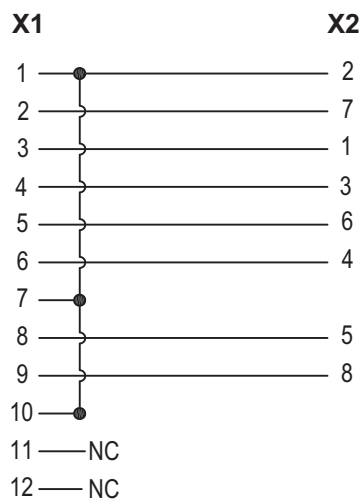
End adapter



Plan view of plug-in connector X1



Plan view of plug-in connector X2

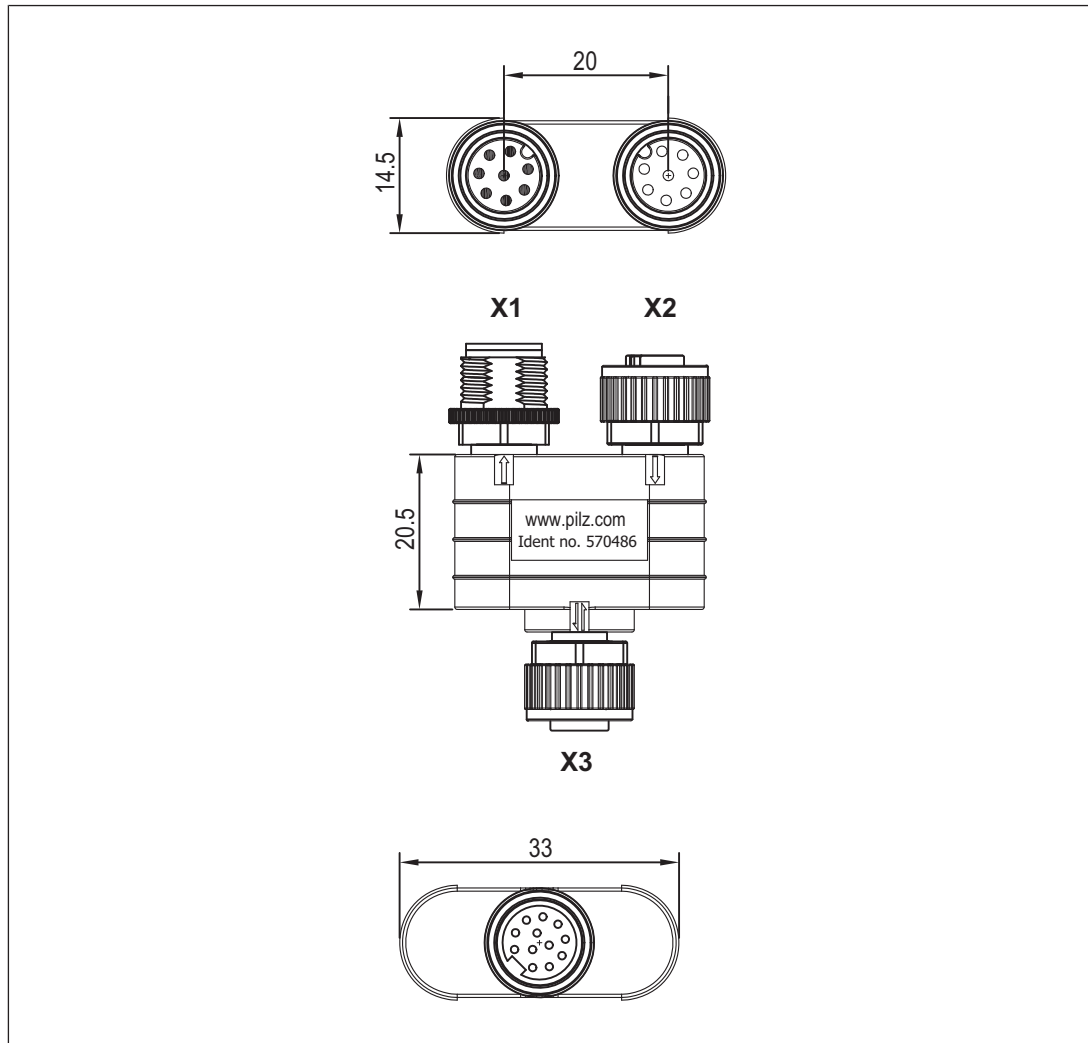


Contact assignment

PSEN ml/cs Y junction M12/PSEN ml end adapter

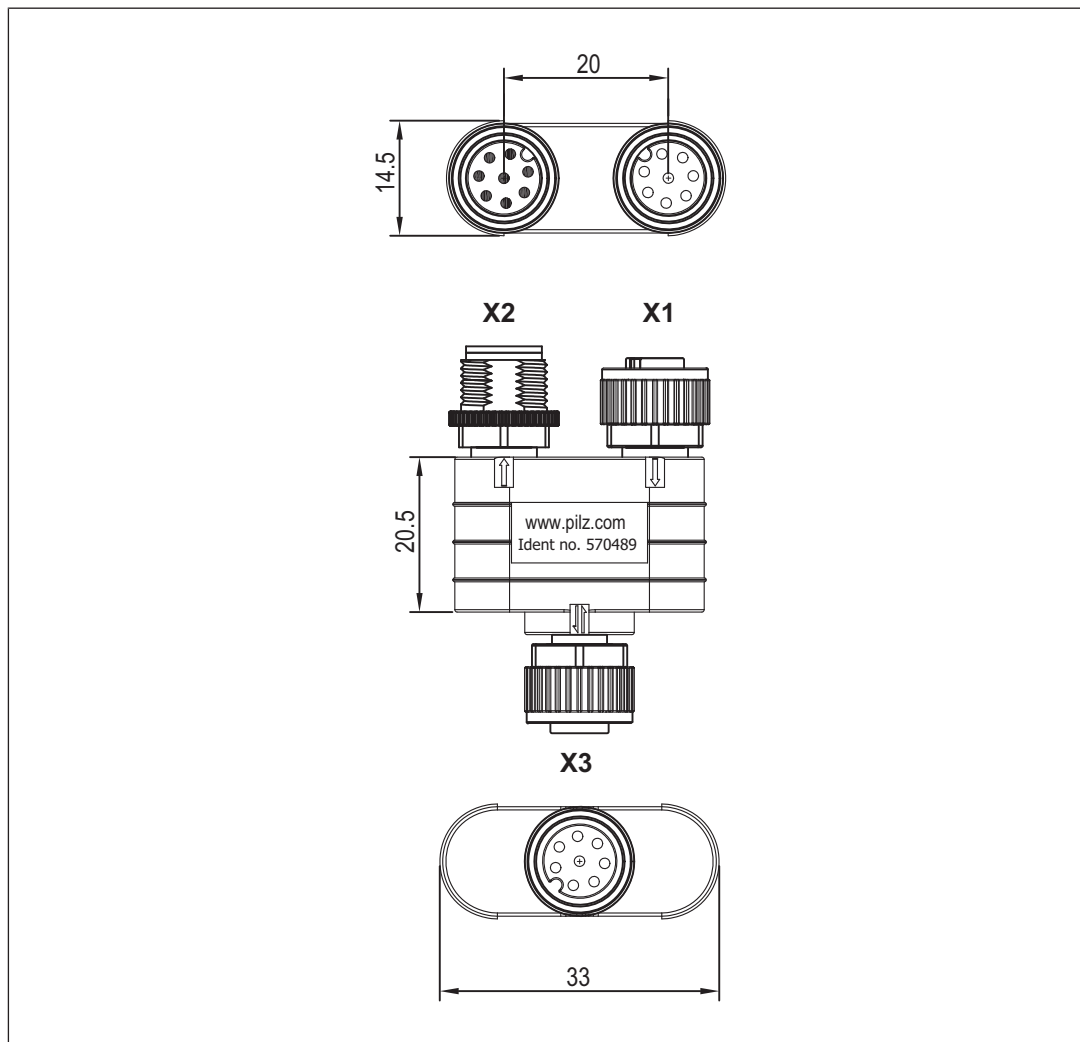
Dimensions

- PSEN ml Y junction M12, order no. 570486

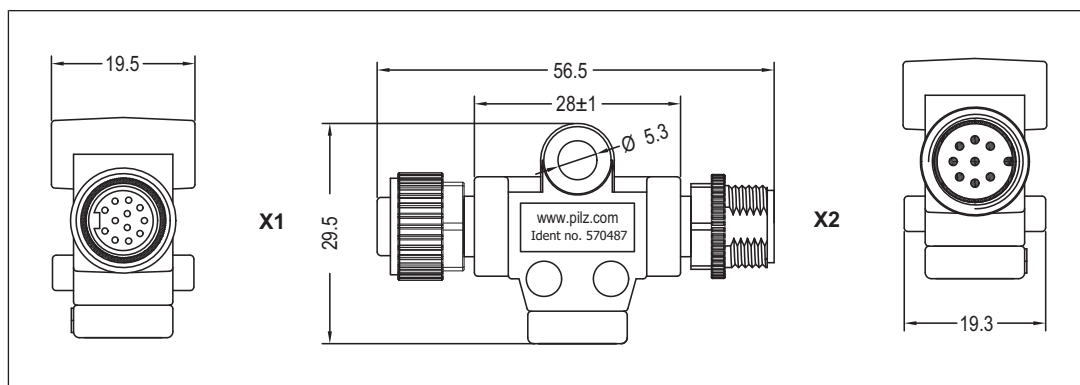


PSEN ml/cs Y junction M12/PSEN ml end adapter

► PSEN ml / PSENcs Y junction M12, order no. 570489



► PSEN ml end adapter, order no. 570487



PSEN ml/cs Y junction M12/PSEN ml end adapter

Technical details

General	570486	570489	570487
Certifications	CE, UKCA	CE, UKCA	CE, UKCA
Electrical data	570486	570489	570487
Rated voltage			
Voltage UB	30 V	30 V	30 V
Rated current	2 A	2 A	2 A
Test voltage	500 V	500 V	500 V
Insulation resistance	100 MOhm	100 MOhm	100 MOhm
Volume resistance	5 mOhm	5 mOhm	5 mOhm
Environmental data	570486	570489	570487
Ambient temperature			
Temperature range	-20 - 80 °C	-20 - 80 °C	-20 - 80 °C
Airgap creepage			
Pollution degree	3	3	3
Protection type			
X1 when inserted	IP67	IP67	IP67
X2 when inserted	IP67	IP67	IP67
X3 when inserted	IP67	IP67	–
Housing	IP67	IP67	IP67
Mechanical data	570486	570489	570487
Plug connector X1	M12, 8-pin male connector	M12, 8-pin female connector	M12, 12-pin female connector
in accordance with the standard	EN 61076-2-101	EN 61076-2-101	EN 61076-2-101
Coding of plug-in connector X1	A-coded	A-coded	A-coded
Plug connector X2	M12, 8-pin female connector	M12, 8-pin male connector	M12, 8-pin male connector
in accordance with the standard	EN 61076-2-101	EN 61076-2-101	EN 61076-2-101
Coding of plug-in connector X2	A-coded	A-coded	A-coded
Plug-in connector X3	M12, 12-pin female connector	M12, 8-pin female connector	–
in accordance with the standard	EN 61076-2-101	EN 61076-2-101	–
Coding of plug-in connector X3	A-coded	A-coded	–
Material of ring nut X1	Zn nickel-plated	Zn nickel-plated	Zn nickel-plated
Material of ring nut X2	Zn nickel-plated	Zn nickel-plated	Zn nickel-plated
Material of ring nut X3	Zn nickel-plated	Zn nickel-plated	–

Accessories

PSEN ml/cs Y junction M12/PSEN ml end adapter

Mechanical data	570486	570489	570487
Housing material X1	TPU	TPU	TPU
Housing material X2	TPU	TPU	TPU
Housing material X3	TPU	TPU	–
Material of contact surface X1	Au	Au	Au
Material of contact surface X2	Au	Au	Au
Material of contact surface X3	Au	Au	–
Material of gasket	FKM	FKM	FKM
Material of pin	CuZn gold-plated	CuZn gold-plated	CuZn gold-plated
Material of socket	CuZn gold-plated	CuZn gold-plated	CuZn gold-plated
Mating cycles X1	100	100	100
Mating cycles X2	100	100	100
Mating cycles X3	100	100	–
Colour of housing	Black	Black	Black
Material			
Housing	TPU	TPU	TPU
Weight	28 g	28 g	20 g

Order reference

Product type	Features	Connector X1	Connector X2	Connector X3	Order no.
PSEN ml Y junction M12		M12, 8-pin male connector	M12, 8-pin female connector	M12, 12-pin female connector	570486
PSEN ml / PSENcs Y junction M12		M12, 8-pin female connector	M12, 8-pin male connector	M12, 8-pin female connector	570489
PSEN ml end adapter		M12, 12-pin female connector	M12, 8-pin male connector		570487