

PSEN Y junction M12 SENS/Cable

► Accessories

Connection

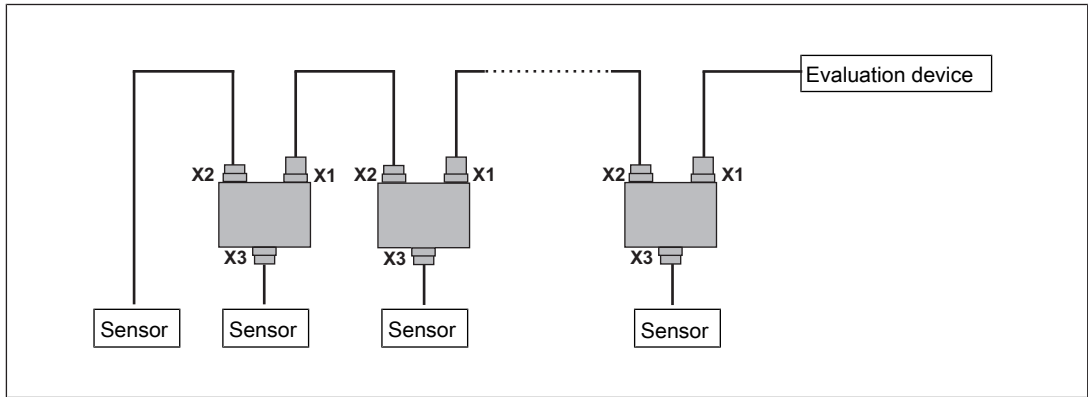


Fig.: Connection PSEN Y junction M12 SENSOR (order no. 540315)

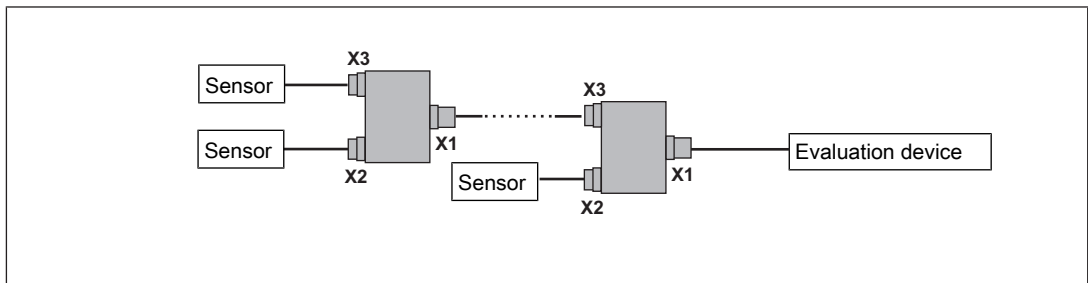


Fig.: Connection PSEN Y junction M12 cable channel (order no. 540316)

Legende

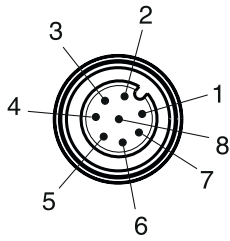
- X1 M12 male connector
- X2 M12 female connector
- X3 M12 female connector



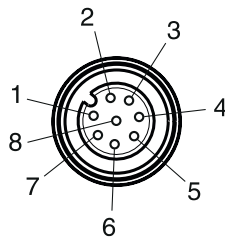
NOTICE

When commissioning, activate the safety function of each sensor in the safety chain and check the correct response of the evaluation device's safety outputs.

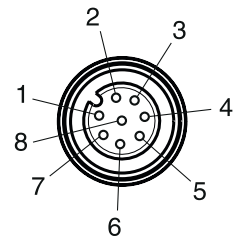
Connector pin assignment



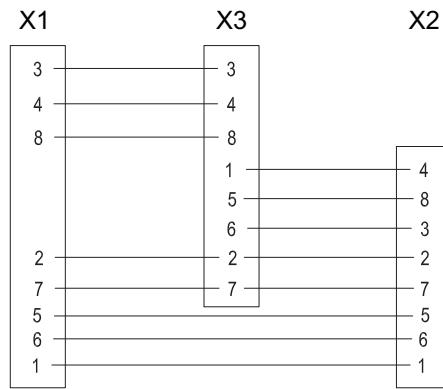
Plan view of plug-in connector X1



Plan view of plug-in connector X2

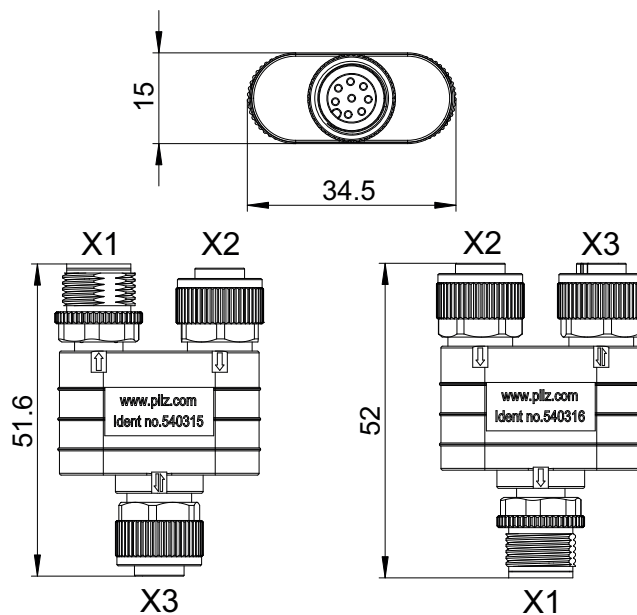


Plan view of plug-in connector X3



Contact assignment 8-pin

Dimensions



Technical details

General	540315	540316
Approvals	-	-
Electrical data	540315	540316
Rated voltage		
Voltage UB	30 V	30 V
Rated current	2 A	2 A
Test voltage	500 V	500 V
Insulation resistance	100 MOhm	100 MOhm
Volume resistance	5 mOhm	5 mOhm
Environmental data	540315	540316
Ambient temperature		
Temperature range	-20 - 80 °C	-20 - 80 °C
Airgap creepage		
Pollution degree	3	3
Protection type		
X1 when inserted	IP67	IP67
X2 when inserted	IP67	IP67
X3 when inserted	IP67	IP67
Housing	IP67	IP67
Mechanical data	540315	540316
Plug-in connector X1	M12, 8-pin male connector	M12, 8-pin male connector
In accordance with the standard	EN 61076-2-101	EN 61076-2-101
Plug-in connector X2	M12, 8-pin female connector	M12, 8-pin female connector
In accordance with the standard	EN 61076-2-101	EN 61076-2-101
Plug-in connector X3	M12, 8-pin female connector	M12, 8-pin female connector
In accordance with the standard	EN 61076-2-101	EN 61076-2-101
Material of ring nut X1	Zn nickel-plated	Zn nickel-plated
Material of ring nut X2	Zn nickel-plated	Zn nickel-plated
Material of ring nut X3	Zn nickel-plated	Zn nickel-plated
Housing material X1	TPU	TPU
Housing material X2	TPU	TPU
Housing material X3	TPU	TPU
Material of contact surface X1	Au	Au
Material of contact surface X2	Au	Au
Material of contact surface X3	Au	Au
Material of gasket	FPM	FPM
Material of pin	CuZn gold-plated	CuZn gold-plated
Material of socket	CuZn gold-plated	CuZn gold-plated
Mating cycles X1	100	100
Mating cycles X2	100	100
Mating cycles X3	100	100
Colour of housing	black	black

Mechanical data	540315	540316
Material		
Housing	TPU	TPU
Weight	27 g	27 g

Order reference

Product type	Features	Connector X1	Connector X2	Connector X3	Order No.
PSEN Y junction M12 SENSOR		M12 male connector	M12 female connector	M12 female connector	540 315
PSEN Y junction M12 cable channel		M12 male connector	M12 female connector	M12 female connector	540 316

► Support

Technical support is available from Pilz round the clock.

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