

## PSEN Y junction M8 SENS/Cable

► Accessories

### Connection

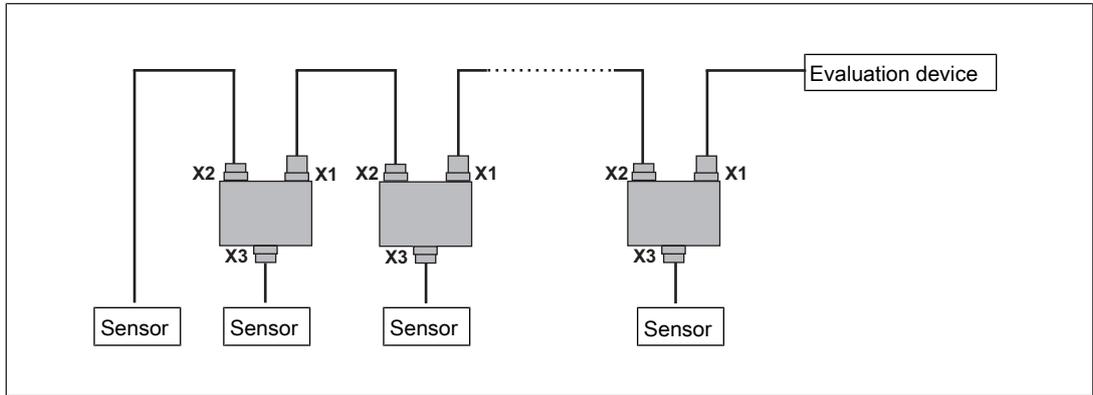


Fig.: Connection PSEN Y junction M8 SENSOR (order no. 540317)

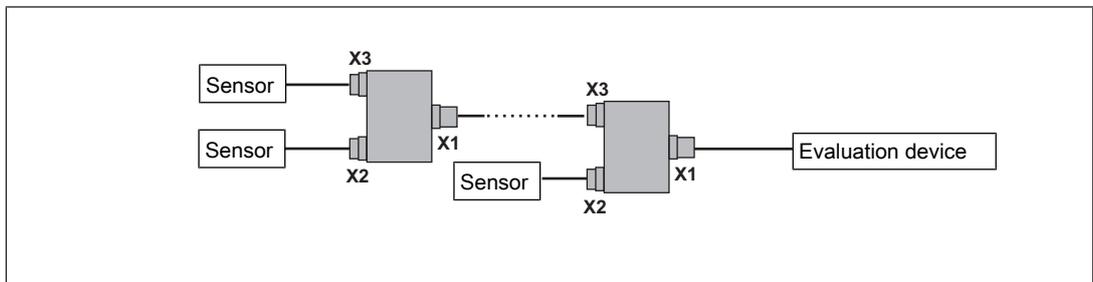


Fig.: Connection PSEN Y junction M8 cable channel (order no. 540318)

### Legende

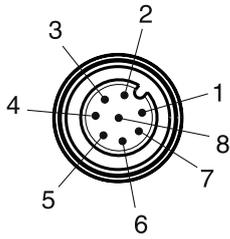
- X1 M8 male connector
- X2 M8 female connector
- X3 M8 female connector



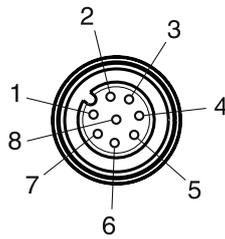
#### NOTICE

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.

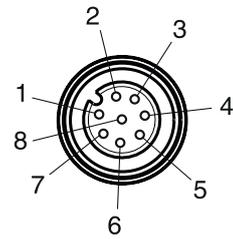
### Connector pin assignment



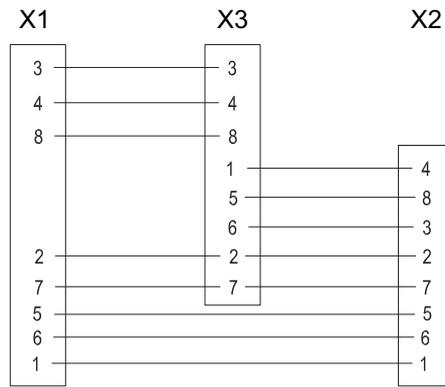
Plan view of plug-in connector X1



Plan view of plug-in connector X2

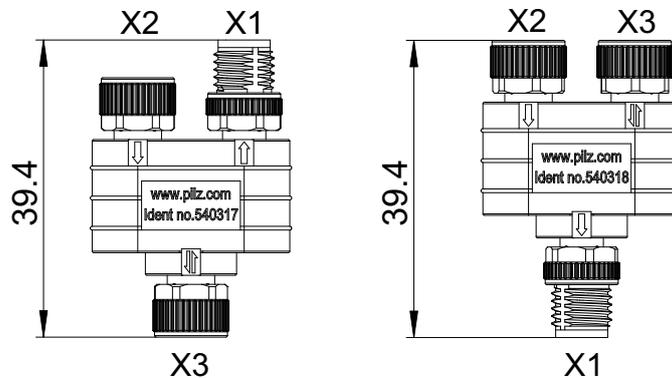
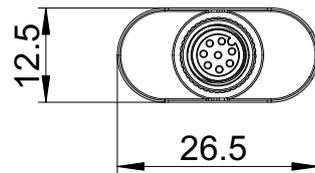


Plan view of plug-in connector X3



Contact assignment 8-pin

### Dimensions



## Technical details

<b>General</b>	<b>540317</b>	<b>540318</b>
Approvals	-	-
<b>Electrical data</b>	<b>540317</b>	<b>540318</b>
Rated voltage		
Voltage UB	<b>30 V</b>	<b>30 V</b>
Rated current	<b>1 A</b>	<b>1 A</b>
Test voltage	<b>500 V</b>	<b>500 V</b>
Insulation resistance	<b>100 MOhm</b>	<b>100 MOhm</b>
Volume resistance	<b>5 mOhm</b>	<b>5 mOhm</b>
<b>Environmental data</b>	<b>540317</b>	<b>540318</b>
Ambient temperature		
Temperature range	<b>-20 - 80 °C</b>	<b>-20 - 80 °C</b>
Airgap creepage		
Pollution degree	<b>3</b>	<b>3</b>
Protection type		
X1 when inserted	<b>IP67</b>	<b>IP67</b>
X2 when inserted	<b>IP67</b>	<b>IP67</b>
X3 when inserted	<b>IP67</b>	<b>IP67</b>
Housing	<b>IP67</b>	<b>IP67</b>
<b>Mechanical data</b>	<b>540317</b>	<b>540318</b>
Plug-in connector X1	<b>M8, 8-pin male connector</b>	<b>M8, 8-pin male connector</b>
In accordance with the standard	<b>EN 61076-2-104</b>	<b>EN 61076-2-104</b>
Plug-in connector X2	<b>M8, 8-pin female connector</b>	<b>M8, 8-pin female connector</b>
In accordance with the standard	<b>EN 61076-2-104</b>	<b>EN 61076-2-104</b>
Plug-in connector X3	<b>M8, 8-pin female connector</b>	<b>M8, 8-pin female connector</b>
In accordance with the standard	<b>EN 61076-2-104</b>	<b>EN 61076-2-104</b>
Material of ring nut X1	<b>Zn nickel-plated</b>	<b>Zn nickel-plated</b>
Material of ring nut X2	<b>Zn nickel-plated</b>	<b>Zn nickel-plated</b>
Material of ring nut X3	<b>Zn nickel-plated</b>	<b>Zn nickel-plated</b>
Housing material X1	<b>TPU</b>	<b>TPU</b>
Housing material X2	<b>TPU</b>	<b>TPU</b>
Housing material X3	<b>TPU</b>	<b>TPU</b>
Material of contact surface X1	<b>Au</b>	<b>Au</b>
Material of contact surface X2	<b>Au</b>	<b>Au</b>
Material of contact surface X3	<b>Au</b>	<b>Au</b>
Material of gasket	<b>FPM</b>	<b>FPM</b>
Material of pin	<b>CuZn gold-plated</b>	<b>CuZn gold-plated</b>
Material of socket	<b>CuZn gold-plated</b>	<b>CuZn gold-plated</b>
Mating cycles X1	<b>100</b>	<b>100</b>
Mating cycles X2	<b>100</b>	<b>100</b>
Mating cycles X3	<b>100</b>	<b>100</b>
Colour of housing	<b>black</b>	<b>black</b>

<b>Mechanical data</b>	<b>540317</b>	<b>540318</b>
Material		
Housing	<b>TPU</b>	<b>TPU</b>
Weight	<b>12 g</b>	<b>12 g</b>

### Order reference

Product type	Features	Connector X1	Connector X2	Connector X3	Order No.
PSEN Y junction M8 SENSOR		M8 male connector	M8 female connector	M8 female connector	540 317
PSEN Y junction M8 cable channel		M8 male connector	M8 female connector	M8 female connector	540 318