

OPC-01 Outdoor Protective Cover for spot-weldable sensors

General information

- ▲ Great outdoor protection against rain, water splashes, sunshine
- ▲ Temperature and UV resistances
- ▲ Several mounting alternatives (2 or 4 bolts)
- ▲ Robust, reliable, and light-weight concept.



Basic characteristics

- ▲ White color
- ▲ Polycarbonate material - UV stabilized
- ▲ Compact dimensions: 140x80x25mm
- ▲ IP 66 or IP 67¹⁾ protection
- ▲ Wide temperature range -20 to +70°C
- ▲ Cover to surface isolation: (NBR, Neoprene, Silicone sealing)
- ▲ Cable isolation: self-isolating design (does not require additional elements on the cable such as gland - the cable is squeezed down between the plastic flange of the cover and the surface of the object on which the sensor is installed).

Physical properties

Material	Polycarbonate
Protection grade	IP 66 / IP 67 ¹⁾
Dimensions (L x W x H)	140 x 80 x 25mm
Compatible sensors	SWA-01, SWA-01/T, and SWS-02
Weight	60g

¹⁾ While installed using the 4x bolts method. Additional material such as "silicone" sealant may be required to achieve the best performance.

Packaging

Typically integrated into the sensor packaging / Included in sensor's cardboard box

Quality statement

All products are 100% tested and calibrated at SYLEX
All products are manufactured according to ISO 9001:2015 and ISO 14001:2015

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Installation remarks

The OPC-01 is possible to be installed above the sensor using bolts, as shown in Figure 1 and either by using 2x or 4x bolts. We recommend using standard metric bolts M4 for the installation.

By using 2x bolts (Figure 1, A) the protective cover is suitable for SWS-02 since the bolts are coming through the middle of the protective cover. These bolts can be used to install the SWS-02 onto the surface and at the same time to fasten the cover above the sensor.

By using 4x bolts (Figure 1, B) the protective cover is suitable for both SWA-01(T) and SWS-02 while installing the sensor using the spot-weldable method. The 4x bolts installation ensures better pressure of the sealing against the installed surface.

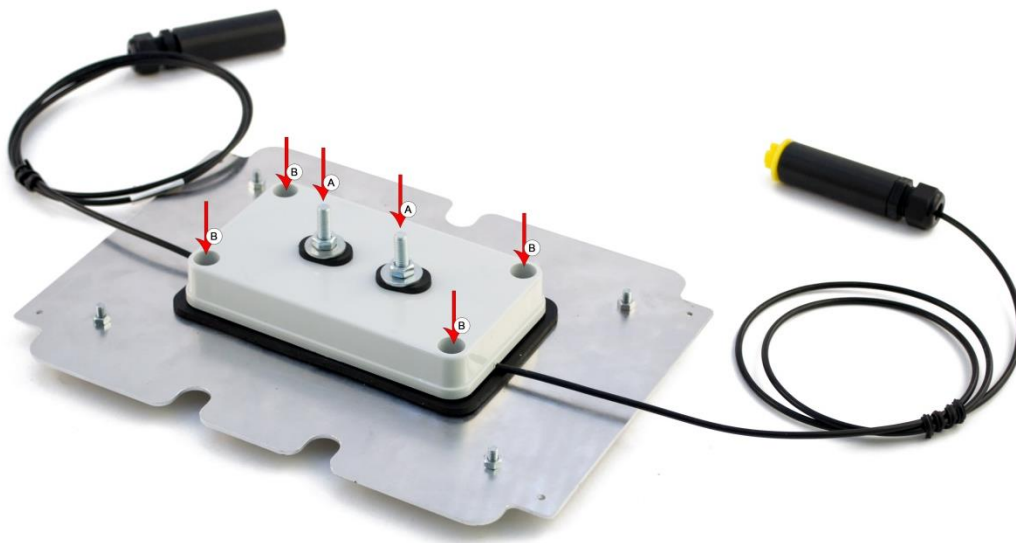


Figure 1: Installation possibilities of the OPC-01 protection cover with SWS-02.

For more information contact our sales team at sales@sylex.sk

* Specifications are subject to change without notice