



# SI16x

## Sensor fitting for direct installation of cells and electrodes into pipelines

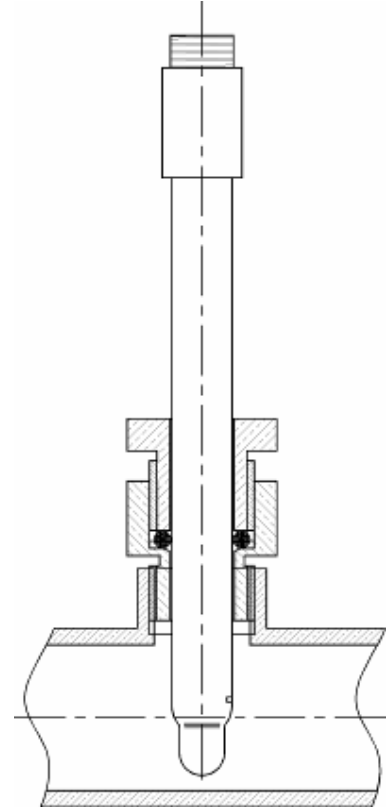
Sensor fitting suitable to fit all electrodes and cells having a 12 mm diameter. Mod.SI16x has 16 mm outer diameter and process connections 1/2" M and allows to install electrodes and cells directly into closed pipelines. Typical applications of SI16x sensor fittings are all processes with low operating pressures where cells or electrodes are to be installed directly into closed pipelines with a low cost adapter.

### Advantages

- Very compact execution
- Easy to install
- Sensor extraction is extremely easy
- Suitable to house all cells and electrodes having 12 mm diameter
- O-Ring seals

### Operating principle and realization

Mod.SI16x sensor fitting includes a base support with 1/2" M threaded process connections, that houses the O-ring for the seal on the sensor, and a sensor support that houses the sensor and is connected to the base through a threaded connection. Seals on sensor are assured through O-ring (Attention! NEVER lubricate the O-Ring). The fitting is suitable to house all the sensors having a 12 mm diameter body, whichever their length and cable connection are. The fitting is available either in PP (SI16A) or in PVDF (SI16B).



### Technical Specifications

Allowed sensors:.....all electrodes and cells having a 12 mm diameter  
 Body material:..... PP (SI16A) or PVDF (SI16B)  
 Operating temperature limits: .....5 to 70°C (PP) 5 to 110°C (PVDF)  
 .....always with respect to operating temperature limits of the installed sensor  
 Operating pressure limits:..... 2 bar (with O-Ring NOT lubricated !)  
 ..... always with respect to operating pressure limits of the installed sensor  
 Seals:..... O-rings  
 Dimensions: ..... see figure

### Installation

Screw the sensor support on the base fitting and screw the assembly on the process. Loosen the sensor support from the base and insert the sensor to the desired depth. Tighten the sensor support on the base support. In this way there is no possibility to damage the cable from the sensor.

### Order code breakdown

	SI16	x
<b>Sensor fitting for direct installation into closed pipelines</b>	SI16	
<b>Construction Material</b>		
Polypropylene (PP) Standard		A
PVDF		B
Other upon request		Z

