

**Pressure Sensor**  
Part No.: SEN 100



**Smart Switch Solid State Pressure Sensor**

The unique Smart Switch Technologies pressure sensor is a solid-state pressure sensor offering numerous advantages over conventional probes or float switches. The pressure sensor constantly measures the fluid pressure within the tank ensuring highly accurate and reliable monitoring at all times. With no moving parts this solid-state technology provides efficient, innovative designs for a new generation of Smart Switch Technologies products such as the TM4000 or TC8000.

**Features:**

- Solid state (no moving parts to jam or clog).
- Compact size.
- High accuracy.
- Suitable for all types of tank materials.
- Suitable for black, grey, fresh water, diesel and petrol.
- Safe to use.
- Full range of tank adaptors available.

**Tank Adaptors:** The pressure sensor can be adapted to any tank by one of the following means:

- Directly to tank side - simply screw the sensor into a pre-existing female 3/4" BSP tapered thread.
- On the tank side using the Side Wall Adaptor (for thin walls e.g. stainless).
- To tank top using Top Mount Adaptor (requires 1/2" ABS or PVC pipe cut to correct length)
- On to Drain Valve using the Drain Valve Adaptor.
- On to pipes from tank - using the range of pipe adaptors. (different pipe adaptor sizes available).

**Tank Sender Interface Modules**

If there are tank sensors already in the tank that cannot be removed then Smart Switch Technologies offer interface modules for use with the TM4000 and TC8000 systems.

- 4-20 milliamp loop adaptor - for use with any other sensor with a 4-20 milliamp output.
- 0-180ohm or 240-33ohm adaptor - for use with VDO 10-180ohm or Teleflex 240-33ohm senders.

ORDERING INFORMATION:	
PART NUMBER:	PRODUCT DESCRIPTION:
4720256 SEN-100:	SENSOR - 3/4"
4720300 AD-100:	SIDE WALL ADAPTOR FOR 3/4" SENSOR
4720303 AD-101:	TOP MOUNT ADAPTOR FOR 3/4" SENSOR
4720306 AD-102:	DRAIN VALVE ADAPTOR FOR 3/4" SENSOR
4720309 AD-103:	3" PIPE ADAPTOR FOR 3/4" SENSOR
4720312 AD-104:	2" PIPE ADAPTOR FOR 3/4" SENSOR
4720315 AD-105:	1.5" PIPE ADAPTOR FOR 3/4" SENSOR
4720338 SM-420:	4 TO 20 MILLIAMP LOOP ADAPTOR
4720340 SM-180:	0-180OHM OR 240-33OHM ADAPTOR