

Product reference of Smartec Pressure Devices

The Smartec pressure sensor range has recently been extended and the pressure product references have been revised.

The Generic code of the Smartec pressure sensor is:

SPDppptohhh<H>

All references start with SPD (**S**mart **P**ressure **D**evice).

The '**ppp**' field indicates the pressure range in PSI (three digits).

The '**t**' field indicates the **type** and equals A, G or D, meaning **A**bsolute, **G**auge or **D**ifferential

The '**o**' field indicates the **output** and equals B, G or D, meaning **B**ridge, **A**nalogue or **D**igital

The '**hhh**' field indicates the **housing**: DIP, SIP, SOC or TO5

If a capital '**H**' is present in the product reference (normally at the end of the code), this means that the product is a **Hybrid** (MEMS made) component.

Please note that 'ppp' field that indicates the pressure range of the sensor and which holds three digits, normally represents the pressure range in psi. However, because of the very low pressure range of the SPD102DADIPH sensor, an exception was made in this case, and the 'ppp' field indicates the pressure in mm H₂O. (102 mm H₂O = 0,15 psi)

Examples:

Reference Code	pressure range	type	output	packaging
SPD015GBDIP	15 PSI	Gauge	Bridge	Dual in line
SPD102DADIPH	102 mm H ₂ O	Differential	Analogue	Dual in line
SPD002GASIP	2 PSI	Gauge type	Analogue	Single in line