

Technical data:

Pressure sensor	PS-1050	PSD-20
Nominal voltage; voltage range:	24 V DC; 10 - 30 V DC	
Power consumption:	max. 0,7 W	
Temperature range:	-30 .. +50 °C	
Housing; cable gland; protection degree:	ABS; PG7; IP66	
Dimensions (L x W x H); weight:	100 x 50 x 35 mm; 76 g	
Measuring principle; reference:	piezzo element;	vacuum chamber      outer /reference pressure
Measuring range:	350 .. 1050 hPa (mB)	0 .. 2000 Pa
Measuring error: typ/individual cal. @ 20 °C, Un=24 V, R <sub>ZI</sub> =250 Ω	< ±5 hPa / < ±3 hPa	< ±40 Pa / < ±25 Pa
Response time t <sub>90</sub> :	< 30 s	< 5 s
Loop resistance: max. R <sub>ZI</sub> (current out); min. R <sub>ZU</sub> (voltage out)	650 Ω ; 750 Ω	
Pressure connector:	/	Ø <sub>in</sub> 5 mm