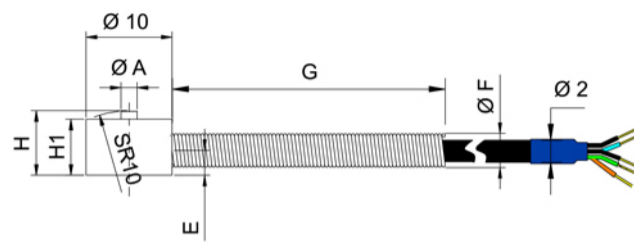
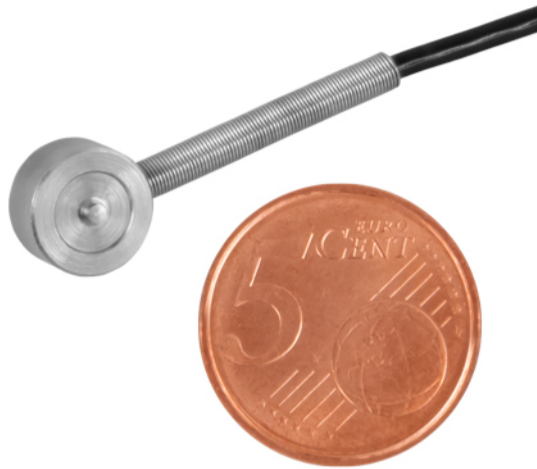


# Force Sensor PCE-C-R10LFC series 5-100 kg



RANGE	Ø A	PCE-C-R10LFC				
		H	H1	E	F	G
5 / 10 / 20 / 30 KG	1.5	3.5	3	3.36	3.2	2.5
50 ... 100 KG	2.5	6	5.2	2.3	3.2	25

Thanks to its small dimensions, the miniature force sensor is easy to use on hard-to-reach measuring points. The height in particular is something special with this force sensor. With a diameter of only 10 mm, this force sensor is smaller in diameter than a 1 cent coin.

# Specifications

Rated load / force F.S.	5 / 10 / 20 / 30 / 50 / 100 kg 50 / 100 / 200 / 300 / 500 / 1000 N <b>! Rated load / force selectable !</b>
Limit load / force	120 %
Breaking load / force	150 %
Rated output	1.0 – 1.5 mV/V
Operating range of supply voltage	2.5 V – 5 V
Maximum supply voltage	5 V
Deviations of the zero signal	± 2 % F.S.
Linearity deviation	1.0 F.S.
Reverse voltage (hysteresis)	1.0 F.S.
Repeatability	1.0 F.S.
Stress creep (30 min)	0.1 F.S.
Input resistance	350 ± 10 Ω
Output resistance	350 ± 3 Ω
Insulation resistance	≥5000 MΩ / 100 VDC
Nominal range of ambient temperature	-10 ... 60 °C / 14 ... 140 °F
Service temperature range	-20 ... 80 °C / -4 ... 176 °F
Temperature coefficient of characteristic value	0.1 % F.S. / 10 °C / 50 °F
Temperature coefficient of zero point	0.1 % F.S. / 10 °C / 50 °F
Sensor cable	Ø 2 x 3 m / 6 ft 6" x 9ft 10" (ends open) EXC+ = red EXC- = black
Cable assignment	SIG+ = green SIG- = white GND = yellow
Material / measuring body	stainless steel
Protection	IP65
<b>! N.B. Rated load / force selectable !</b>	

# More information

More product info



Similar products



Subject to change