

제품 소개

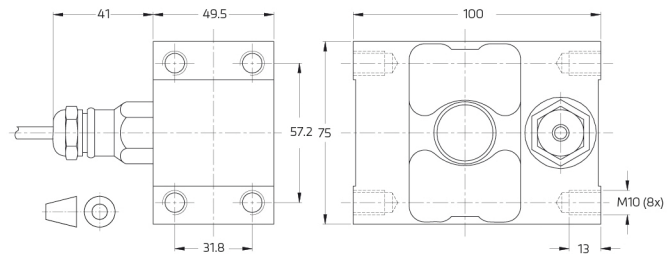
- PC2 는 일반적인 산업용 계량기 제작을 위한 엔드 마운트형 싱글 포인트 로드셀 입니다.
- Stainless Steel 구조의 완벽 밀봉된 구조이며 동적 및 정적 장비에서 높은 정확도의 계량 결과를 제공하며 조정된 하중의 중심에서 벗어난 하중 로드셀 입니다.
- 싱글 포인트 플랫폼 1000 × 1000mm 제작 가능하며 저용량 호퍼 시스템에 이상적 입니다.
- 플랫폼 저울 / 중량 선별기 / 선박용 저울 / 호퍼 저울 등

specifications

Maximum capacity (E <sub>max</sub> )	kg	20 / 150	
		(GP)	G3*
Accuracy class according to OIML R60		(GP)	G3*
Maximum number of verification intervals (n <sub>ic</sub> )		n.a.	3,000
Minimum load cell verification interval (V <sub>min</sub> )		n.a.	E <sub>max</sub> /10,000
Temperature effect on minimum dead load output (TC <sub>0</sub> )	%*RO/10°C	± 0.0400	± 0.0140
Temperature effect on sensitivity (TC <sub>RO</sub> )	%*RO/10°C	± 0.0200	± 0.0100
Combined error	%*RO	± 0.0500	± 0.0200
Non-linearity	%*RO	± 0.0400	± 0.0166
Hysteresis	%*RO	± 0.0400	± 0.0166
Creep error (30 minutes)	%*RO	± 0.0600	± 0.0166
Rated Output (RO)	mV/V	2 ± 5%	
Zero balance	%*RO	± 5	
Excitation voltage	V	5..15	
Input resistance (100 V DC) (R <sub>ic</sub> )	Ω	1,100 ± 50	
Output resistance (R <sub>out</sub> )	Ω	960 ± 50	
Insulation resistance	MΩ	≥ 5,000	
Safe load limit (E <sub>lim</sub> )	%*E <sub>max</sub>	200	
Ultimate load	%*E <sub>max</sub>	300	
Safe side load	%*E <sub>max</sub>	100	
Maximum platform size; loading acc. to OIML R76	mm	600 x 600 for 20 kg / 1,000 x 1,000 for 150 kg	
Maximum off centre distance at maximum capacity	mm	250 for 20 kg / 400 for 150 kg	
Compensated temperature range	°C	-10..+40	
Operating temperature range	°C	-40..+80 (ATEX -40..+60)	
Load cell material		stainless steel 17-4 PH (1.4548)	
Sealing		complete hermetic sealing; cable entry sealed by a glass to metal header	
Protection according EN 60 529		IP68 (up to 2 m water depth) / IP69K	
Packet weight	kg	1.8 (20kg), 2.0 (150kg)	

\* corresponds to C3 quality, test certificate not available  
 The limits for Non-Linearity, Hysteresis, and TC<sub>RO</sub> are typical values.  
 The sum of Non-linearity, Hysteresis and TC<sub>RO</sub> meets the requirements according to OIML R60 with pLC=0.7.

product dimensions (mm)



Mounting bolts M10 8.8; torque 50 Nm. Torque value assumes oiled threads.

wiring

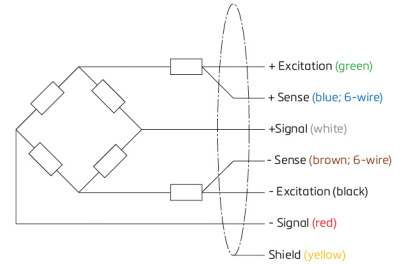
The load cell is provided with a shielded, 6 conductor cable (AWG 26) or with a shielded, 4 conductor cable (AWG 24).

Cable jacket: polyurethane

Cable length: 3 m

Cable diameter: 5 mm

The shield is floating or connected to the load cell body



RoHS  
compliant

