

Load-cell series PC22

For weighing machines from 0 ... 5 kg up to 0 ... 40 kg



Features

- DMS load-cell for precise applications
- Available as standard- or Ex-device
KEMA 02ATEX 1123X
- Bridge resistance 400 Ω
- Output signal 2 mV/V, exact sensitivity
labelled on the type plate
- Basic accuracy 0.02 %
- Repeatability 0.01 %
- Bridge supply max. 15 V DC
- Zero unbalance <5 %
- Operating temperature -20 ... 60 °C
- Maximum overload 150 %
- Breaking load 300 %
- Connection cable 0.5 m
- Weight approx. 1 kg
- Protection IP67



Ordering code: PC22 - 1. - 2. - 3. - 4. - 5.

1. Model

- 00 Standard for applications in Non-Ex-area
- Ex Model acc. to KEMA 02ATEX 1123X

2. Model size

- 01 BxLxH = 25.4 x 130 x 22 mm (nominal load 5 kg)
- 02 BxLxH = 30.0 x 130 x 22 mm (nominal load 10 ... 40 kg)

3. Nominal load

- 05 5 kg
- 10 10 kg
- 20 20 kg
- 30 30 kg
- 40 40 kg

4. Options

- 00 without option

Prices

Model

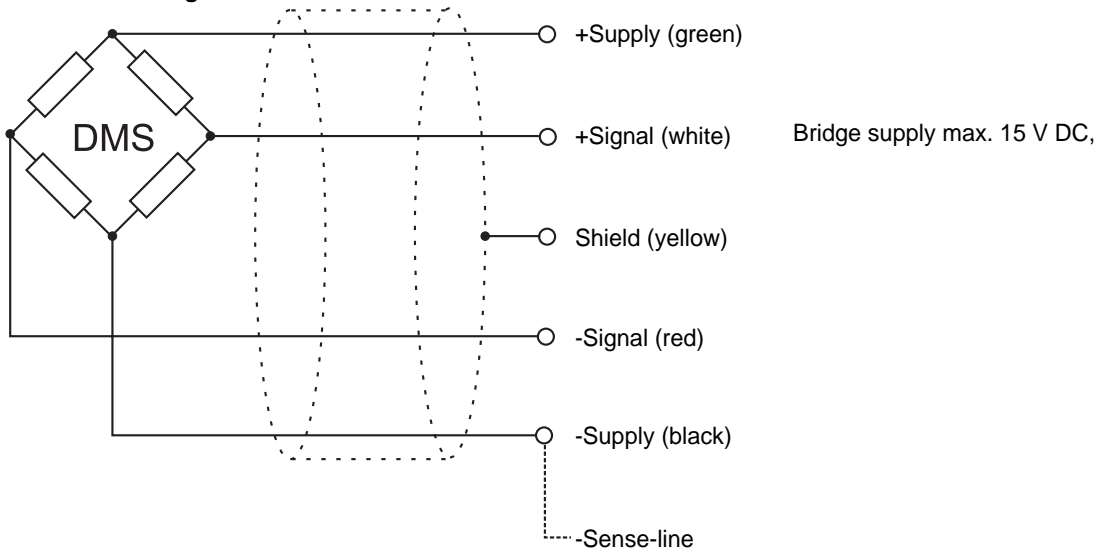
PC22-00

PC22-Ex

Connection diagram and dimensions next page

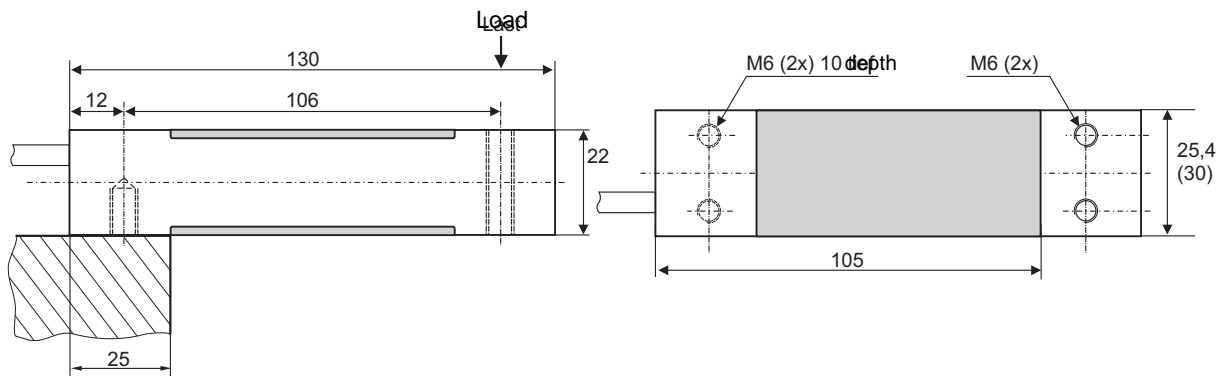
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Connection diagram



The sense line is used to compensate line resistance from load-cell to DMS-Transmitter. For distances more than 5 m it is recommended to use the sense line.

Dimensions



Mounting screws M6 quality 8.8; tightening torque 10 Nm. Grease the screw thread before mounting!