Ring Type load cell **PSRT**

available with certification • EAC

General information

PWS17220240320

The PSRT toroidal annular load cell, made of stainless steel, is used to check the stringing of tie rods or bolts for rock or soil riveting. Furthermore, the toroidal annular cells show any release or tension overloads in the retaining walls. Pavone Systems offers a customization service of the load cells according to the applications.

Suggested related products

A highly performing weighing system must be accurate, perfectly calibrated and well maintained. In order to improve the load cell performance and to optimize its functioning, you may need the following products:

Weight Transmitter UWT 6008

Weight Transmitter DAT 1400

Weight Indicator MCT 1302

All indicated data may be changed without notice.
All the measures indicated are expressed in millimeters (mm).

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Technical specifications

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Rated Load (RL):	1 ÷ 400
Combined error:	±0,15 % Full scale
Repeatability:	±0,02 full Scale
Creep (20 minutes):	±0,02 % full scale
Safe overload:	150 % RL
Ultimate overload:	> 300 % RL
Material:	Stainless Steel 17.4 PH
Degree of protection:	IP65-67
Compensated Temperature:	-10 ÷ + 50 °C
Temperature range:	-20 ÷ + 70 °C
Temperature effect on zero balance:	±0,005 % full scale/°C
Temperature effect on output:	±0,005 % full scale/°C
Excitation voltage:	2 ÷ 15 Vdc/ca
Rated output RO:	1,5 - 2 mV/V
Input resistance:	700 ±20 Ohm
Output resistance:	700 ±5 Ohm
Isolation:	> 5000 MOhm

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