Tedea load cell **1006**

General information

PWS34320261011

Model 1006 is a very low capacity, high precision single point load cell designed for direct mounting in low capacity scales. This load cell is suitable for applications including postal scales, counting scales, general purpose weighing scales and is also suitable for a wide variety of force measurement applications, such as industrial process control or specialist medical devices. Model 1006 offers very high performance from a very small size. It is very easy to use, and easy to apply in a wide variety of applications, where the acting center of force application is within 100mm of the load cell vertical axis.

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 DAT 1400

Weight Indicator MCT 1302

Tester 1008 TESTER 1008

Junction Box CGS4-C

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

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Industrial Electronic Weighing Systems since 1963

Technical specifications

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Rated Load (RL):	2, 3, 5 kg
Ultimate overload:	300 % RL
Material:	Aluminum
Degree of protection:	IP66
Accuracy class:	C3
Compensated Temperature:	-10 ÷ +40°C
Temperature range:	-20 ÷ +70°C
Temperature effect on zero balance:	±0.010 % (NA); ±0.0040 % (C3) RO/°C
Temperature effect on output:	±0.0030 % (NA); ±0.0010 % (C3) RO/°C
Rated output RO:	2 mV/V
Zero balance:	±0.20 mV/V
Insulation resistance:	> 2000 MOhm
Input impedance:	415±20 Ohm
Maximum input voltage:	15 Vdc or Vac rms
Nominal input voltage:	10 Vdc or Vac rms
Cable Lenght:	0.4m
Load plan:	200 x 200 mm
Output impedance:	350±2 Ohm

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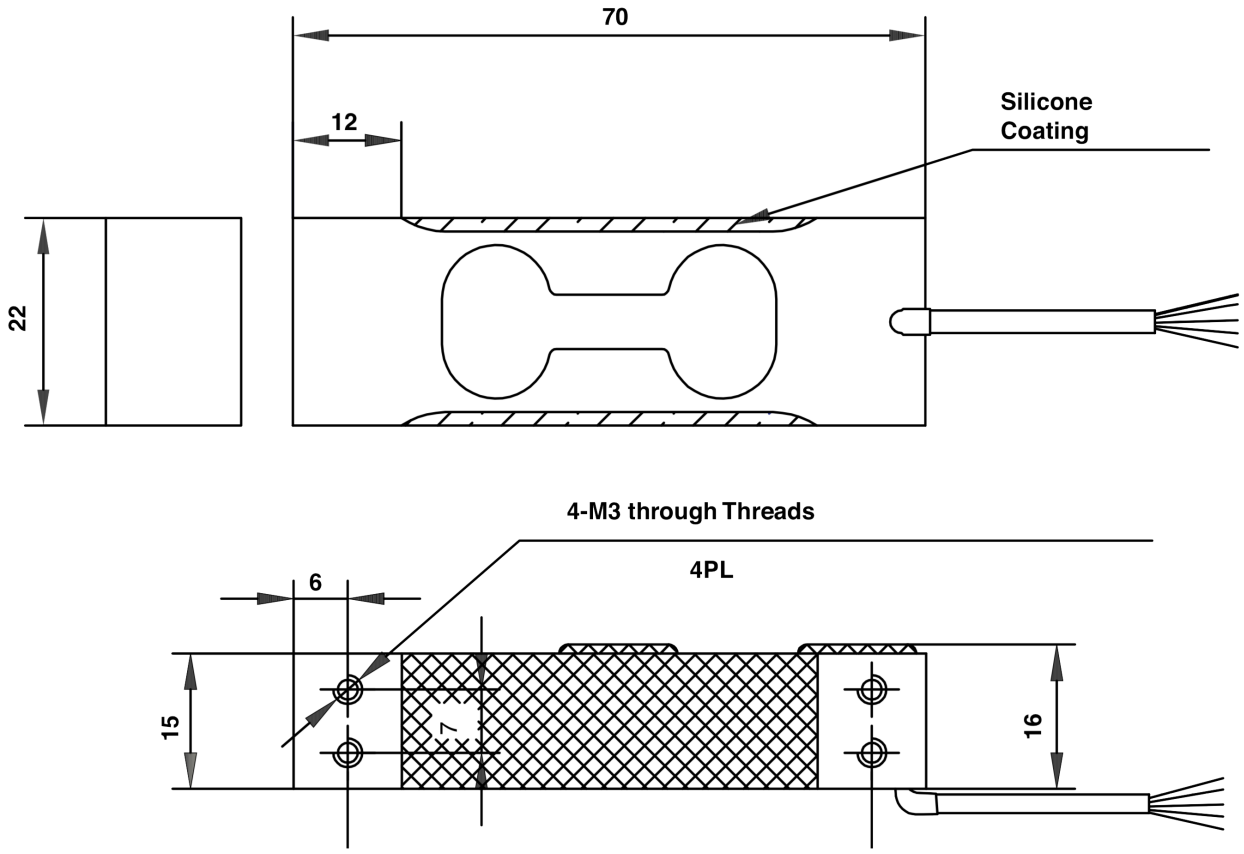

Wiring Schematic Diagram	
UNBALANCED BRIDGE CONFIGURATION	
+VE INPUT	Green
+VE OUTPUT	Red
-VE INPUT	Black
-VE OUTPUT	White

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