

Aluminum alloy single point load cell

Features

- Weighing range: 40kg
- High overall accuracy, good long-term stability
- Simple structure, easy to install
- Aluminum alloy material, anodized surface
- Corner deviation has been adjusted
- Optional
- Explosion-proof model is available

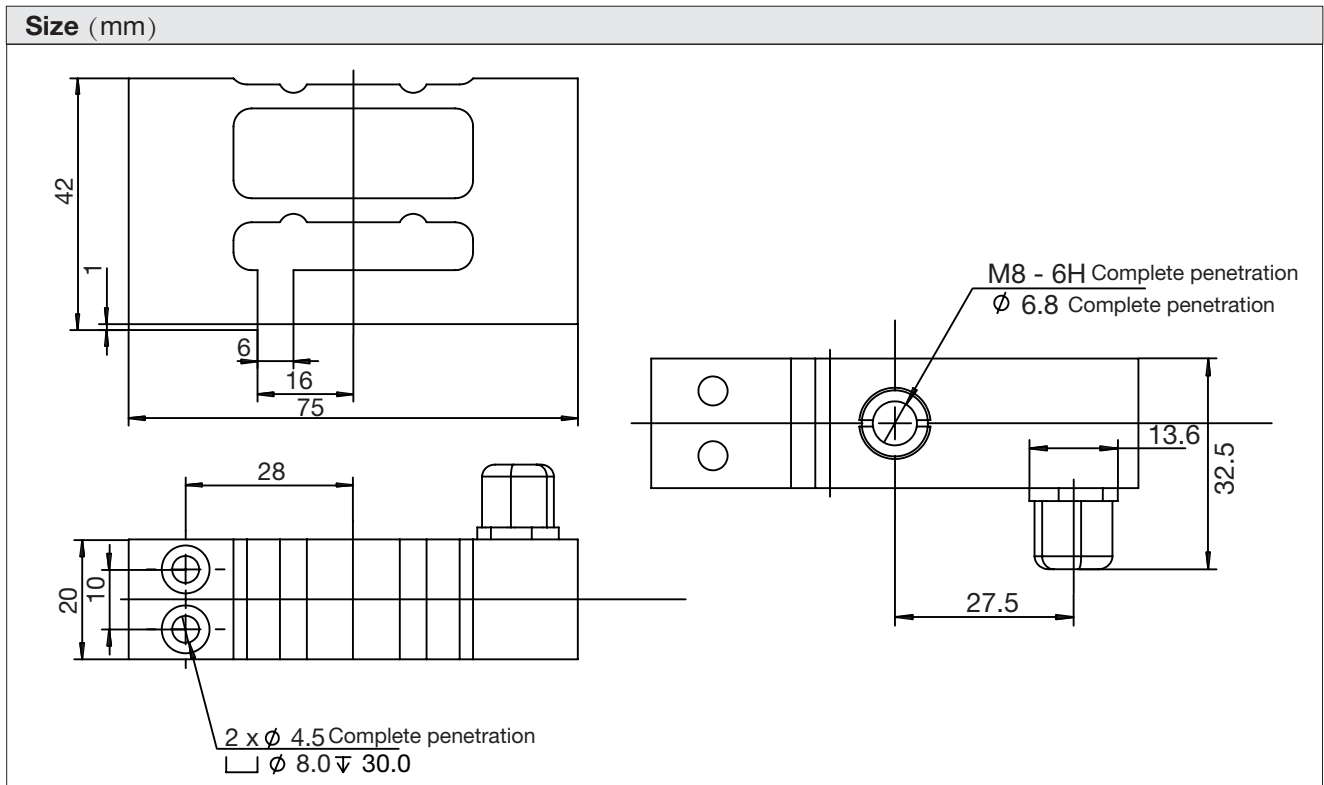


Application

- Semiconductor silicon crystal ingot pulling equipment
- Tension and pressure testing

Description

The 7520 is a sensor developed specifically for semiconductor silicon ingot pulling equipment. It has good stability, high precision and high temperature resistance. It is widely used and suitable for tensile force detection during the ingot pulling process. It also plays an important role in various tensile or pressure testing equipment.



LC7520 single point load cell

Product specifications		
Specification	Value	Unit
Rated load	40	kg
Rated output	2.0±0.2	mV/V
Zero balance	±1	%R.O.
Comprehensive Error	±0.02	%R.O.
Zero output	≤±5	%R.O.
Repeatability	≤±0.02	%R.O.
Creep (30 minutes)	≤±0.02	%R.O.
Normal operating temperature range	-10~+40	°C
Allowable operating temperature range	-20~+70	°C
Effect of temperature on sensitivity	±0.02	%R.O./10°C
Effect of temperature on zero point	±0.02	%R.O./10°C
Recommended excitation voltage	5-12	VDC
Input impedance	410±10	Ω
Output impedance	350±5	Ω
Insulation Resistance	≥3000 (50VDC)	MΩ
Safe overload	150	%R.C.
limited overload	200	%R.C.
Material	Aluminum	
Protection Class	IP65	
Cable length	1	m
Platform size	<0.1	mV P.P
Tightening torque	0.6	Hz
Specification	0.5	mV/10°C以下
Rated load	0.1	mV
Rated output	1	Pa

Product specifications are subject to change without notice.

Wiring

