

LPC

Load Pin

A high-precision load cell with 4-point measurement.



ABOUT PRODUCT

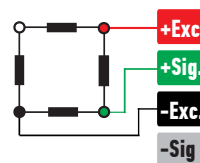
LPC is a pin type cylindrical high precision load cell capable of measuring from 4 points.

It is used in cranes and mobile weighing applications.

It can be produced in desired dimensions and capacities.

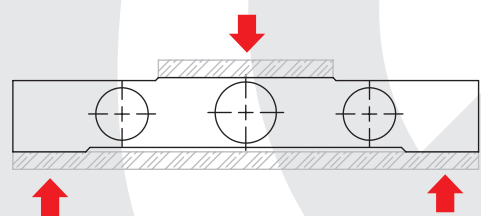
Standard mV/V signal output, 4-20mA and 0-10V Analog and RS485 Digital output options.

CONNECTION DIAGRAM

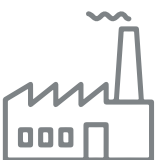


Red	Excitation+ (Input)
Green	Signal+ (Output)
Black	Excitation- (Input)
White	Signal- (Output)

WORK STYLE



APPLICATION AREAS



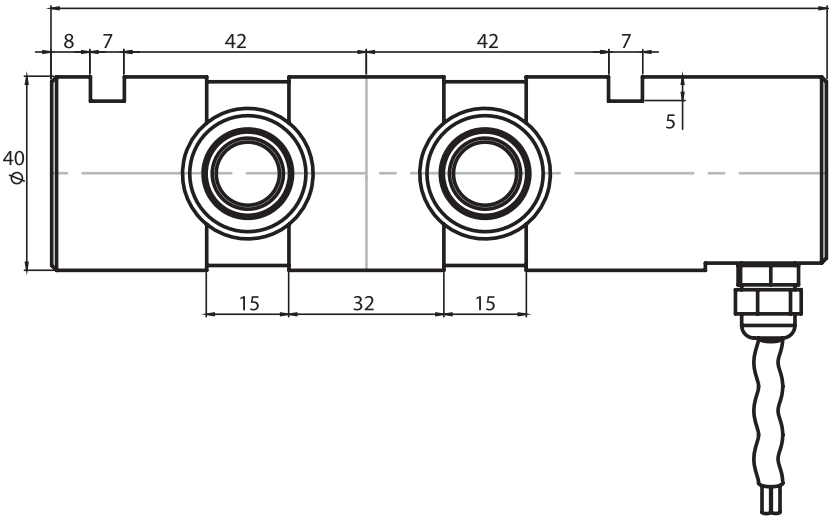
Machinery And Industry

FEATURES

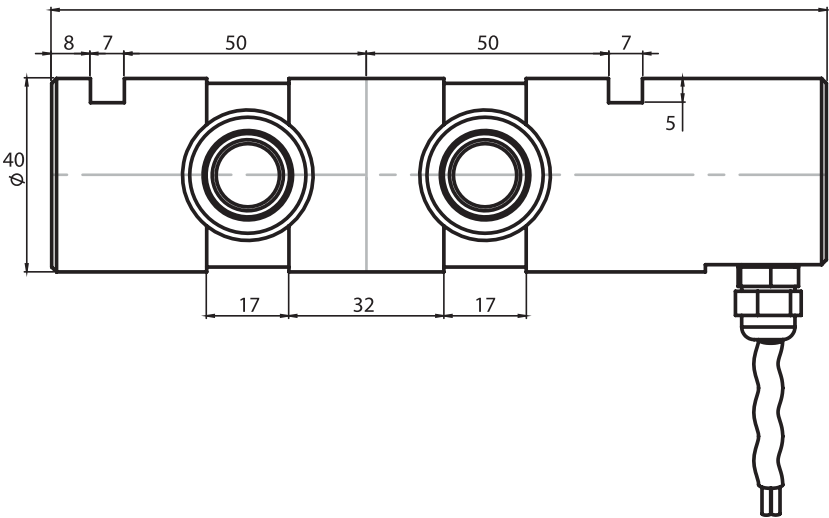
- ✓ IP 67 protection class
- ✓ Plated nickel, steel alloyed
- ✓ Ease of installation

TECHNICAL DRAWING

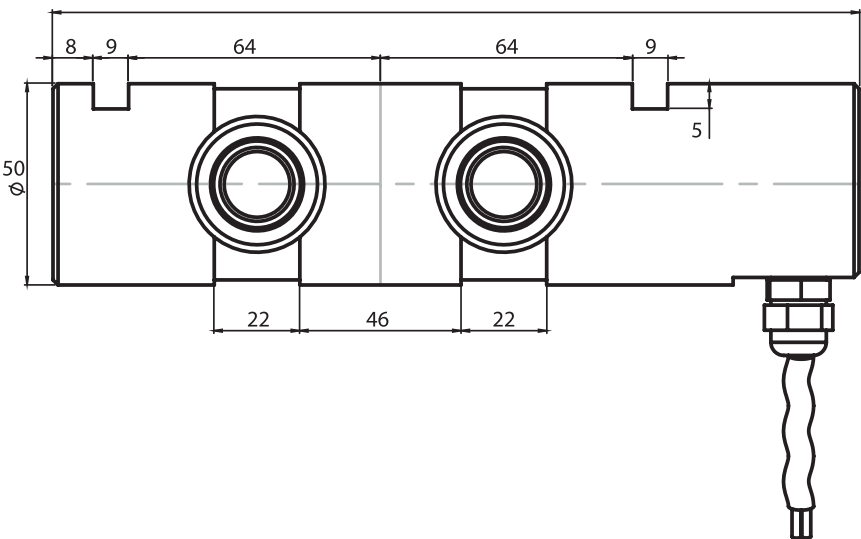
2 Tones



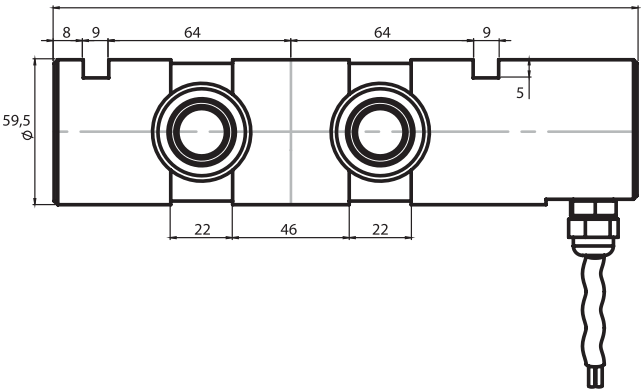
5 Tones



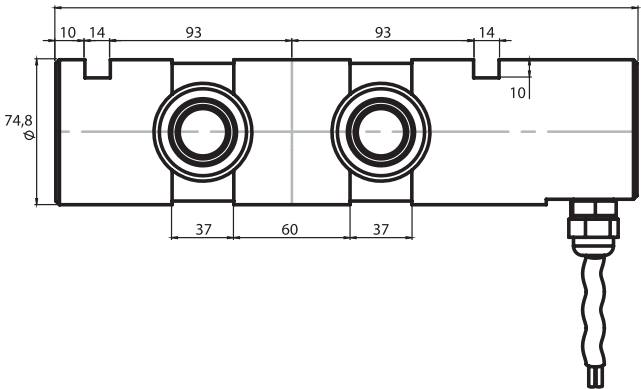
10 Tones



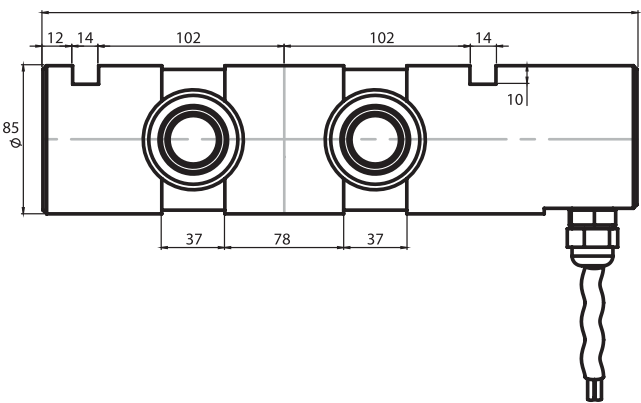
15 Tones



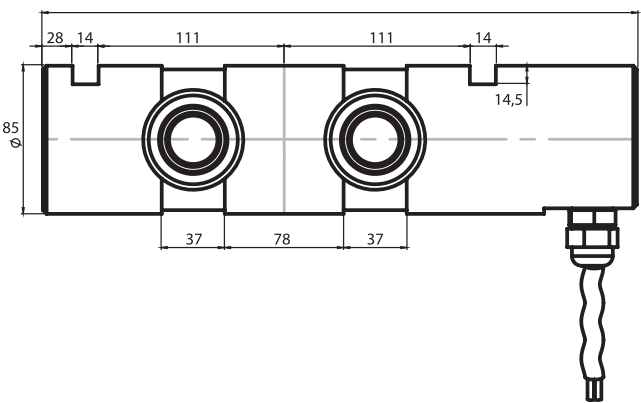
20 Tones

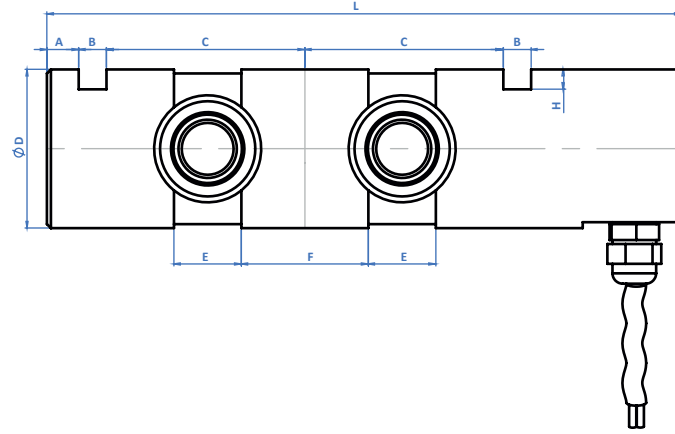


30 Tones



60 Tones





KAPASİTE	A	B	C	D	E	F	H	L
2 TONES	8	7	42	40	15	32	5	139
5 TONES	8	7	50	40	17	32	5	160
10 TONES	8	9	64	50	22	46	5	199
15 TONES	8	9	64	59.8	22	46	5	199
20 TONES	10	14	93	74.8	37	60	10	252
30 TONES	12	14	102	85	37	78	10	290
60 TONES	28	14	111	85	37	78	14.5	315

TECHNICAL SPECIFICATIONS

Kapasite	2 ~ 60 Tones
Doğruluk Sınıfı	-
Minimum Yük	0 kg
Maksimum Adım Sayısı (nLC)	-
Minimum Doğrulanmış Adım Sayısı	-
Toplam Hata	±0.5 %FS
Çıkış Sinyali (FS)	1.2 ± 0.2mV/V
Sıfır Dengesi	± 1 %FS
Giriş Direnci	720 Ω ± 20 Ω
Çıkış Direnci	702 Ω ± 5 Ω
İzolasyon Direnci	≤ 5000 MΩ (100VDC)
Kompanze Edilen Sıcaklık	-10 ~ + 40 °C
Çalışma Sıcaklığı	-30 ~ + 70 °C
Tavsiye Edilen Besleme Gerilimi	10 VDC
Maksimum Besleme Gerilimi (Umax)	15 VDC
Güvenli Aşırı Yük	150 % FS
Güç Kaynağı	300 % FS
Koruma Sınıfı (EN60529)	IP 67
Materyal	Alaşımlı Çelik / Paslanmaz Çelik
Kablo	4x0.22mm ²