

LPW3

Load Pin

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



ABOUT PRODUCT

LPW3 is a pin type cylindrical high precision load cell that can measure from 4 points.

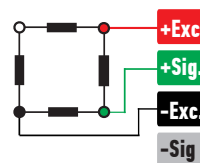
It is used in cranes and mobile weighing applications.

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.

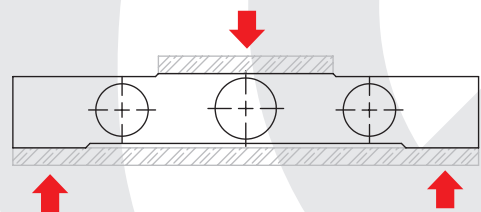
You can contact our sales engineers to get technical support regarding your weighing, automation and force test applications.

CONNECTION DIAGRAM

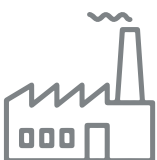


Red	Excitation+ (Input)
Green	Signal+ (Output)
Black	Excitation- (Input)
White	Signal- (Output)

WORK STYLE



APPLICATION AREAS

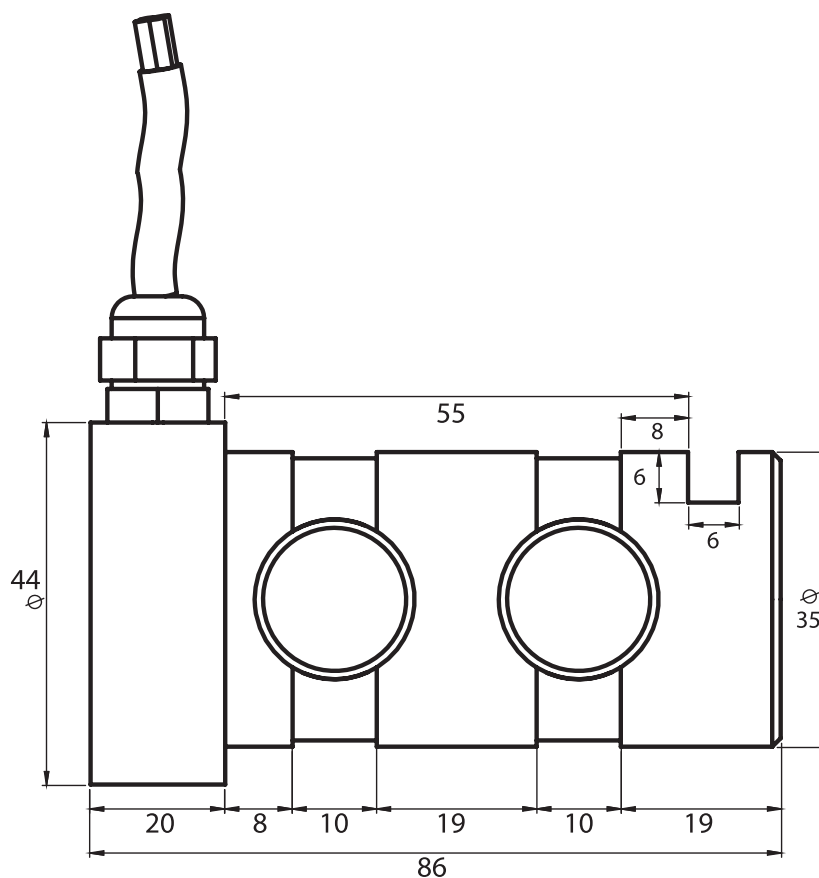


Machinery And Industry

FEATURES

- ✓ IP 66 protection class
- ✓ Plated nickel, steel alloyed
- ✓ Ease of installation

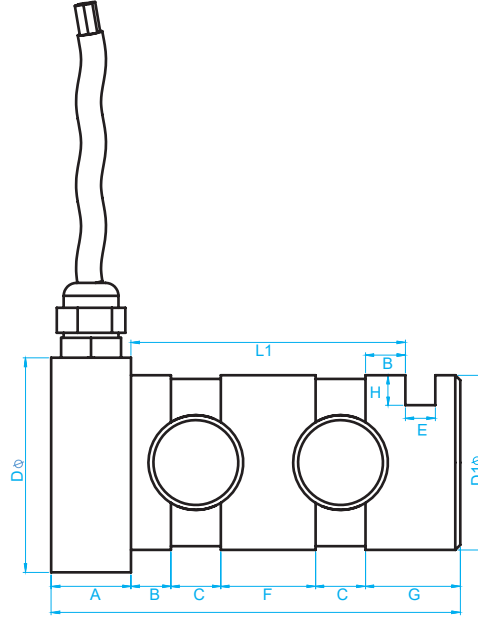
1 - 2 Tones



Technical drawing of a cable gland. The drawing shows a side view of the component with a cable passing through it. The cable has a diameter of 49 mm. The gland has a total width of 96 mm. The cable entry point is on the left, with a diameter of 49 mm. The gland body has a diameter of 40 mm. The dimensions are as follows:

- Total width: 96 mm
- Left flange width: 20 mm
- Distance from left flange to first hole: 9.5 mm
- Distance between first and second holes: 12 mm
- Distance from second hole to right flange: 21 mm
- Distance between right flange and cable entry: 21.5 mm
- Distance from left flange to right flange: 64 mm
- Distance from right flange to cable entry: 9.5 mm
- Distance from cable entry to right flange: 8 mm
- Distance from right flange to cable entry: 7 mm

[illegible]



KAPASİTE	D	D1	L	L1	A	B	C	E	F	G	H
1 - 2 TON	39	30	83	52	20	7	10	6	18	18	6
3 TON	44	35	86	55	20	8	10	6	19	19	6
5 TON	49	40	96	64	20	9.5	10	7	21	21.5	8
10 TON	59	50	114	80	20	10	16	7	28	24	8

TEKNİK ÖZELLİKLER

Kapasite	1 ~ 200 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	370 Ω ± 20 Ω / 720 Ω ± 20 Ω
Çıkış Direnci	352 Ω ± 3 Ω / 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 66
Materyal	Alloyed Steel / Stainless Steel
Kablo	4x0.22mm ²