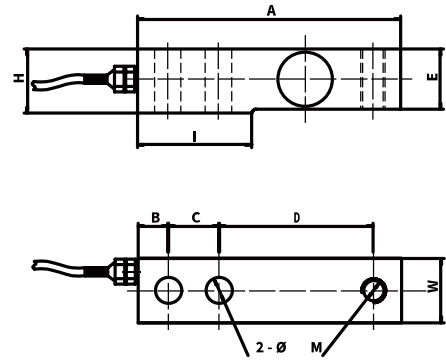


DYX-301 Shear beam load cells



Product Reviews

Characteristic

The cantilever beam weighing sensor is also known as the shear beam weighing sensor. It has the characteristics of simple structure, convenient installation, reliable use, long service life, and high cost-effectiveness.

Application Area

- Automobile scale and main laying axle load gauge in highway weighing equipment
- Small scale and platform scales, steel cylinder scales, and other fields in industrial scales
- Generally, three or four sensors are used as a group

Parameters Table

Range	0-10T	Material quality	Alloy steel / stainless steel
Output sensitivity	2.0±0.05mV/V	Impedance	350Ω
Zero point output	±1%F.S.	Insulation resistance	≥5000MΩ/100VDC
Nolinear	0.03%F.S.	Service voltage	5-15V
Hysteresis	0.03%F.S.	Operating temperature range	-20-80°C
Repeatability	0.03%F.S.	Safe overload	150%
Creep (30 min)	0.03%F.S.	Extreme overload	200%
Temperature sensitivity drift	0.03%F.S./10°C	Cable line specifications	φ5x3m
Xero point temperature drift	0.05%F.S./10°C	Cable limit tension	10kg
Response frequency	10kHz	TEDS	

Range	ΦA	B	C	D	E	W	H	M	2-Φ	I
50kg-2T	130	15	25	76	30	32	32	M12X1.75	Φ13	56
2.5-5T	171	19	38	96	38	38	43	M18X1.5	Φ20	80
6-10T	225.6	25.4	50.8	122.9	50.8	50.8	56	M24X2	Φ26.4	105