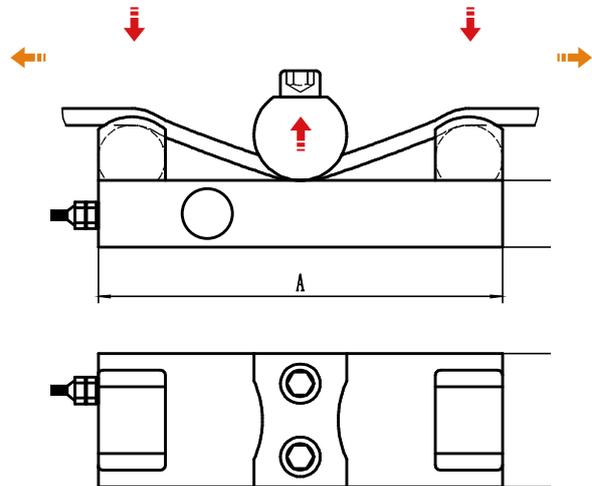


DYZL-101 Tension sensor



Product Reviews

Characteristic

The working principle is to calculate the tension value by measuring the pressure. High reliability, good inter-

changeability, easy to use, suitable for the measurement and control of steel wire rope tension.

Application Area

- Suitable for the measurement and control of the wire rope tension

Parameters Table

Range	1-200kN	Material quality	Alloy Steel
Output sensitivity	1.5±0.05mV/V	Impedance	350Ω
Zero point output	±1%F.S.	Insulation resistance	≥5000MΩ/100VDC
Nolinear	0.5%F.S.	Service voltage	10-15v
Hysteresis	0.5%F.S.	Operating temperature range	-20-60°C
Repeatability	0.3F.S.	Safe overload	150%
Creep (30 min)	0.3%F.S.	Extreme overload	300%
Temperature sensitivity drift	0.05%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	

Wirerope Tension (kN)	Range (T)	Wirerope Diameter	A	B	C
10	1	Φ6-14	180	35	60
20	2	Φ10-18	180	35	60
40-60	4-6	Φ16-22	180	37	60
100-140	10-14	Φ16-22	180	37	60
200	20	Φ22-32	240	40	80