

2450 Telemetry load link



Description

A range of plate type links incorporating Active Loads proven strain gauge technology. Manufactured from high tensile aluminium and anodize for a clean finish.

This telemtry unit has been proven to be reliable for most applications. Because of the low power transmitterused there is no requirement for special licences.

Being battery operated the care of the batteries are of prime importance.

The antennas are industrial standard type that are readily available worldwide.

- Tensile load measurement
- Easily enployed
- Measurement range of 80M
- High strength aluminium alloy link.
- Package in carrying case
- No licence required

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Specifications

ELECTRICAL Recommended excitation 10 Vdc. Maximum excitation 15 Vdc. 1.5mV/V Output at rated load Zero balance 5% of RL 700ohms +/-20 Input impedance 700ohms +/- 3 Output impedance >10^9ohms Insulation Compensation temp range 10 to 60 C Safe temp range -30 to 70 C

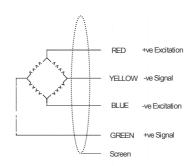
MECHANICAL Safe overload Ultimate overload Deflection Cable type Cable length

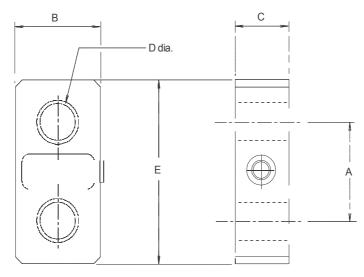
Sealing

150% of RL 300% of RL <0.5mm 4 core screened 10 M IP66

Accuracy

Non linearity & hystersis0.15%Non repeatability0.05%Zero return (after 30 mins).0.05%Temp effect/10deg C on zero0.01%Temp effect/10deg C on span0.01





'A' mm	'B' mm	'C' mm	'D' mm	'E' mm	Weight kg
108	105	40	30	164	1.4
108	105	40	30	164	1.4
120	105	40	38	210	1.9
131	125	55	53	255	4
147	135	55	60	305	5
170	150	75	73	345	9
228	220	123	100	455	27
330	304	189	145	680	87
347	320	190	153	725	120
	mm 108 108 120 131 147 170 228 330	mm mm 108 105 108 105 120 105 131 125 147 135 170 150 228 220 330 304	mm mm mm 108 105 40 108 105 40 120 105 40 131 125 55 147 135 55 170 150 75 228 220 123 330 304 189	mm mm mm mm 108 105 40 30 108 105 40 30 120 105 40 38 131 125 55 53 147 135 55 60 170 150 75 73 228 220 123 100 330 304 189 145	mm mm mm mm mm 108 105 40 30 164 108 105 40 30 164 120 105 40 38 210 131 125 55 53 255 147 135 55 60 305 170 150 75 73 345 228 220 123 100 455 330 304 189 145 680

Note:

We reserve the right to change specification as deemed necessary with continuous improvement.



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