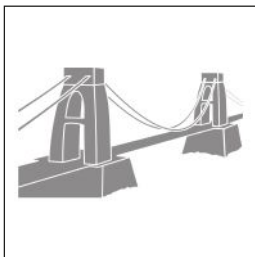
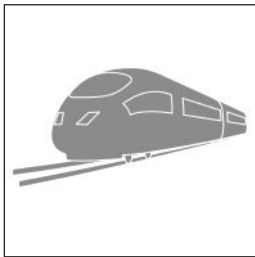
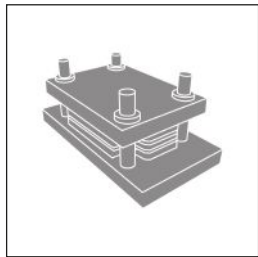


ElastiSense

Position sensing made easy

- Quick installation
- Ingress protected
- Misalignment tolerant

Minimize downtime and costs



Displacement sensing, especially in aggressive applications, can be a real challenge. The choice between non-contact sensors requiring a clean and predictable environment, and cylinder based sensors being sensitive to vibration and misalignment, can make a decision difficult. The ARDS series sensor combines the robustness of non-contact sensors by being solid-state while enabling measurement in "dirty" and unpredictable applications. Your installation, operation, maintenance effort and cost can be substantially reduced as there is no need for special mounting, protection or cleaning of the sensors. ARDS series sensors add value in a wide variety of applications, including those within structural health monitoring, factory automation and off road vehicles, to mention just a few.

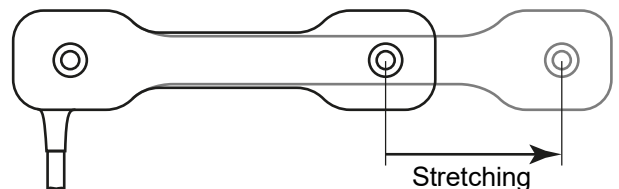
Industrial Internet of Things

- Condition monitoring
- Predictive maintenance
- Damage prevention
- Feedback control

Specifications

	LTDS50	LTDS100
Measurement range*	50mm	100mm
Input	12V, 24V	
Output	4.20mA, 0-10V, 0-5V	
Absolute accuracy	0.5% F.S.	
Resolution	0.01% F.S.	
Sampling rate	1000 Hz	
Force at maximum displacement	85N	110N
Operating temperature	-40 to 80°C	
Weight (not including cable)	52g	60g
Protection rating	Equivalent to IP68	
Colour	Charcoal, yellow, olive, blue	

Function



Notes

- *20mm and 250mm variants coming soon
- Digital output is optional
- All specifications can be customised
- Please contact us for more details