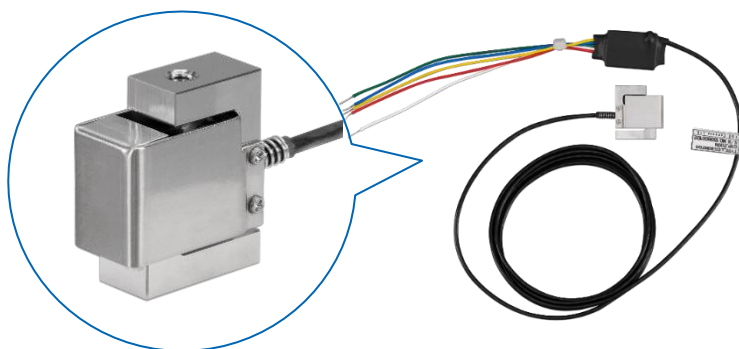


LCS30 Series

Small, Lightweight S-Type Design for Tension and Compression Measurements

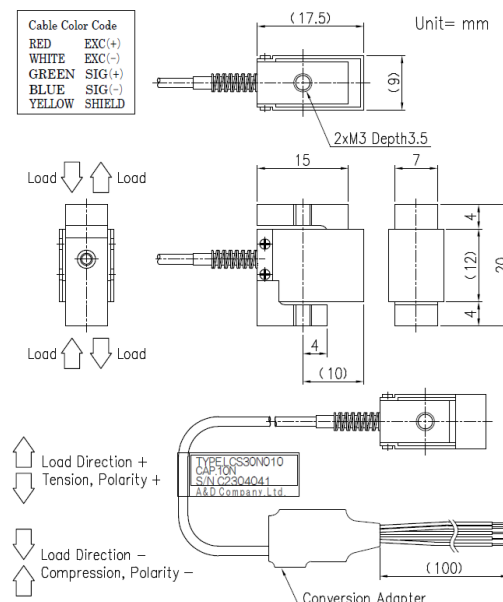
- **Dimensions:** 17.5 (W) x 20 (H) x 9 (D) mm
- **Weight:** Approximately 3 to 11 g
- **Rated Capacity:** 10 N to 500 N
- **Ideal for:** Installation in restricted spaces due to its compact size



Specifications

	LCS30N010	LCS30N020	LCS30N050	LCS30N100	LCS30N200	LCS30N500
Rated capacity (R.C.)	10 N (1.02 kg)	20 N (2.04 kg)	50 N (5.099 kg)	100 N (10.2 kg)	200 N (20.4 kg)	500 N (50.99 kg)
Deflection amount	Less than 0.01 mm					
Natural frequency	4.6 kHz	5.1 kHz	8.1 kHz	10 kHz	9.2 kHz	10.7 kHz
Rated output (R.O.)	0.35 mV/V ±20 %	0.5 mV/V ±20 %				
Non-linearity	0.2 % of R.O.					
Hysteresis	0.2 % of R.O.					
Repeatability	0.1 % of R.O.					
Recommended excitation voltage	5 VDC					
Zero balance	±10 % of R.O.					
Input terminal resistance	Approx. 700 Ω					
Output terminal resistance	Approx. 350 Ω					
Insulation resistance	Greater than 1000 MΩ at 50 VDC (B/E)					
Temperature effect on zero point	±0.5 % of R.O. / 10 °C					
Temperature effect on span	±1.0 % of Load / 10 °C					
Temperature compensation range	-10 °C to 60 °C					
Allowable temperature range	-20 °C to 70 °C					
Safe overload	150 % of R.C.					
Cable	φ1.6 mm, 4-core shielded cable / 1 m					
Material	Aluminum				Stainless steel	
Weight	Approx. 3 g			Approx. 4 g	Approx. 10 g	Approx. 11 g

External Dimensions



Discover Precision

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A&D Rus Co., Ltd. (Russia)
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