

# SL SERIES TRANSDUCER

## CONSTRUCTION:

- S-Shape with nickel plated alloy steel, used in tension and compression.
- Stainless steel cup covers, protected class IP67, can be used in high humidity conditions.

## OPTION:

- **Stainless Steel construction – IP 68**
- **3.0mV/V Output**

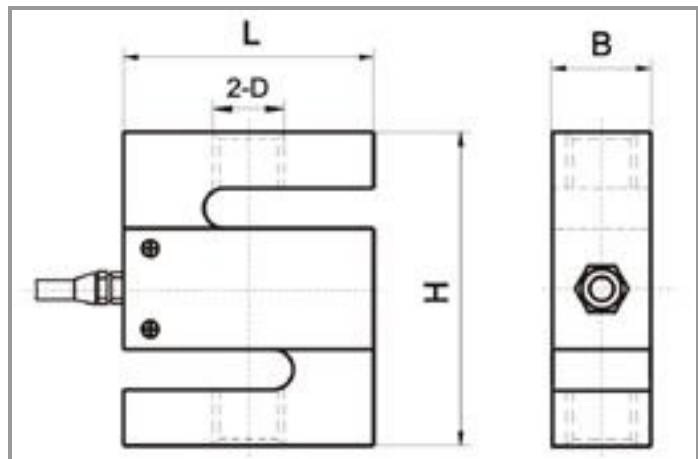


## APPLICATION:

Applicable to hopper scale, belt scale and is ideal for the conversion of existing mechanical scales.

### Dimensions in 'mm'

Rated Load	L	H	B	D
50 ~ 500kg	50.80	76.20	19.05	M12x1.75
1t	50.80	76.20	25.40	M12x1.75
2t ~ 3t	76.20	108.00	31.80	M20x1.50
5t	76.20	108.00	36.98	M24x2.00
10t	117.80	125.50	50.80	M30x2.00



## TECHNICAL DATA:

Capacities	50, 100, 200, 300, 500 kg – 1, 2, 3, 5, 10 t	
Sensitivity	2.0 ± 10 % mV/V	
Non-Linearity	± 0.02% FS	
Repeatability	± 0.015% FS	
Hysteresis	± 0.02% FS	
Creep (20 Min.)	± 0.02% FS	
Zero Balance	± 1% FS	
Insulation Resistance	≥ 5000 MΩ (@ 50V DC)	
Resistance	Input	365 ± 15Ω
	Output	350 ± 3Ω
Temperature Range	Compensated	-10 ~ +55°C
	Operating	-35 ~ +80°C
Temperature Effect	Output (Span)	± 0.02% FS/10°C
	Zero	± 0.02% FS/10°C
Maximum Supply Voltage	12V DC	
Recommended Supply Voltage	10V DC	
Safe Overload	150% FS	
Maximum Overload	200% FS	
Protection Class	IP 65 (Up to 500 kg) / IP 67 (1t ~ 10t)	
Cable	Ø6 x 3.5m (Up to 2t) / Ø6 x 6m (3t ~ 10t)	

## **Haris Sensor Technologies Private Limited**

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