

MS9 Sensor

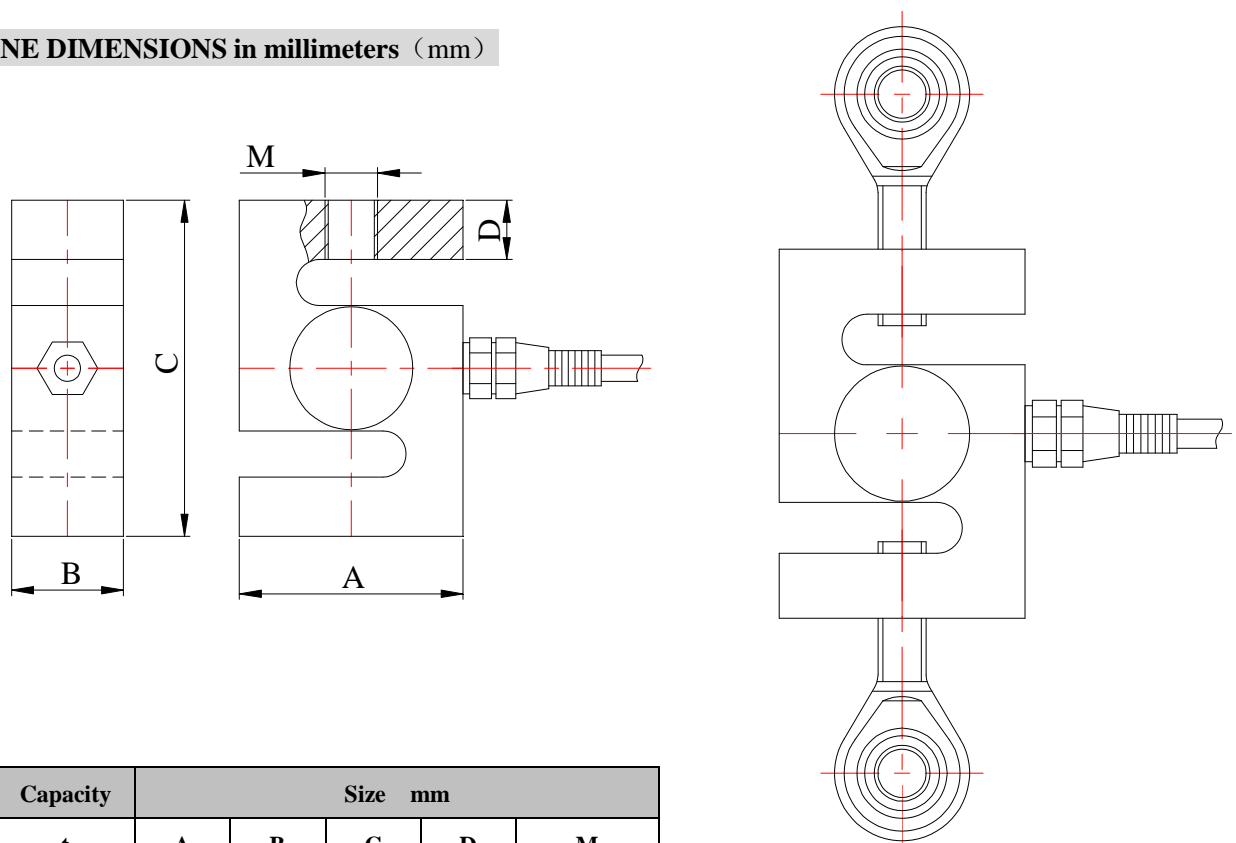
S-Type Sensor



DESCRIPTION

S type load cell, tension and compression. Good output symmetry, compact structure, simple to install, full range of capacities. Suitable for electromechanical scale, crane scale, hopper scale and various special scales.

OUTLINE DIMENSIONS in millimeters (mm)



Capacity	Size mm				
t	A	B	C	D	M
0.25~0.5	60	25	78	12	M12×1.75
1	60	30	86	16	M12×1.75
2~3	70	30	90	17	M16×2
5	100	50	136	25	M24×2
10	127	50	178	46	M30×2
(20) 30	160	60	190	45	M39×2

SPECIFICATIONS

Capacity	kg	250,300,500,1000,2000,3000,5000,10000,20000,30000kg
Rated output	mv/v	2.0±0.1%
Non-linearity	%F.S	0.02
Hysteresis	%F.S	0.02
Creep in 30 minutes	%F.S	0.03
Zero balance	%F.S	±1
Input resistance	Ω	400±10
Output resistance	Ω	350±3
Insulation resistance	MΩ	≥5000
Excitation voltage	V	10V (maximum 15V) AC/DC
Environmental protection		IP67
Safe overload	%F.S	150
Ultimate overload	%F.S	300
Operating temperature range	°C	-10~+40
Material		Stainless steel & Alloy steel
Cable Length	m	(0.25~3t) 3m (5~20t) 5m

Wiring Schematic Diagram

