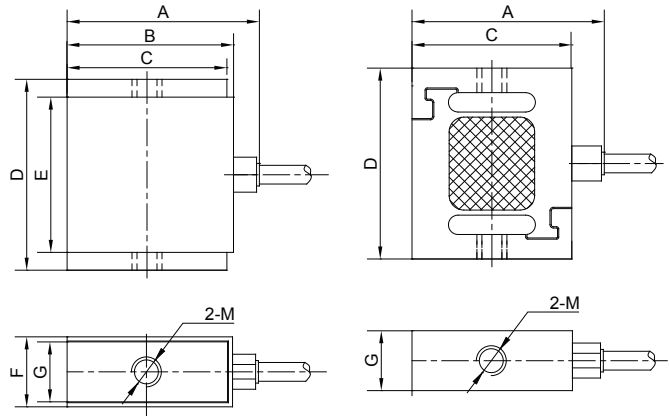


# SMTM

## S-Beam Load Cells



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## Specifications

**Rated Output(mV/V):**

2.0±0.2

**Nonlinearity:**

±0.05%FS

**Creep(30min.):**

±0.05%FS

**Insulation Resistance:**

≥5000M ohms

**Temperature:**

Compensated Range  
-10°C~+60°C

**Temp. Effect on Zero:**

≤0.005%FS/°C

**Zero Balance:**

±1%FS

**Hysteresis:**

±0.05%FS

**Input Resistance:**

350±30 ohms

**Excitation Voltage:**

5~10V DC(15V MAX)

**Temperature:**

Operating Range  
-20°C~+80°C

**Temp. Effect on Output:**

≤0.005%FS/°C

**Safe Overload:**

150%

**Repeatability:**

±0.05%FS

**Output Resistance:**

350±5 ohms

**Material:**

Stainless Steel

**Cable Length:**

4m

**IP Class:**

IP66

**Cable Color Code:**

Red..... + EXC  
Black..... - EXC  
Green..... + SIG  
White..... - SIG

## Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	M
<b>N/mm</b>								
2.5~20	22	17	16	19.1	16.5	6.8	5	M3
50~500	20	-	16	19.1	-	-	6	M4

## Order Information

LOAD RATING	
SMTM-2.5N	SMTM-5N
SMTM-10N	SMTM-20N
SMTM-50N	SMTM-100N
SMTM-200N	SMTM-300N
SMTM-500N	

## Interchangeable Products

MANUFACTURER	MODEL
INTERFACE	SMTM