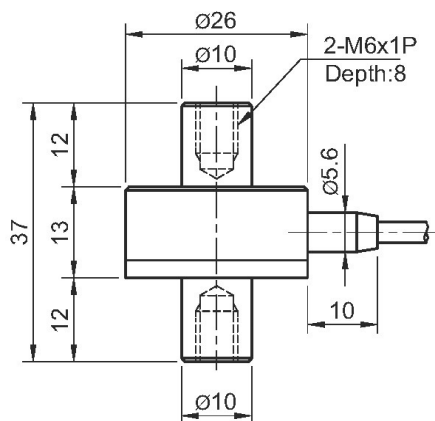
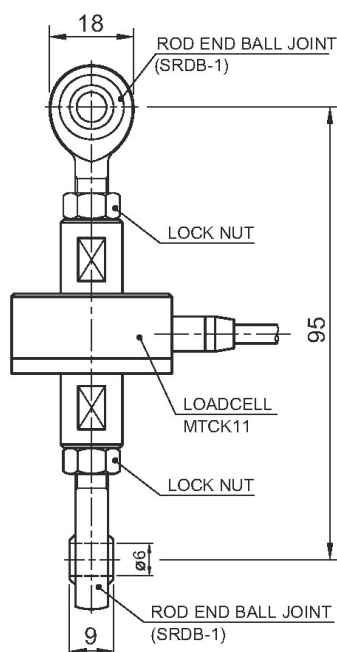
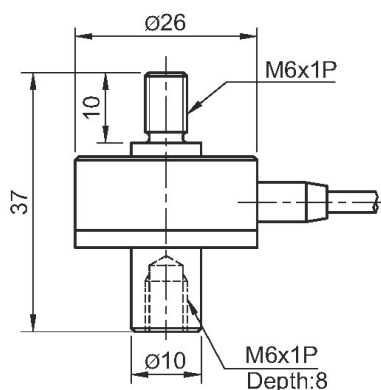


Model MTCK Series

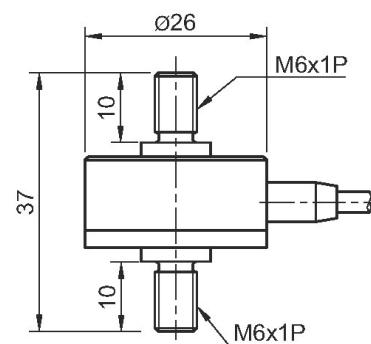
Tension & Compression
Miniature Load Cell(10~200kg)



MTCK11



MTCK12



MTCK13

The model MTCK miniature type is designed for tension & compression service.

SPECIFICATIONS

MODEL	MTCK11, MTCK12, MTCK13
Rated capacity (R.C.)	10, 30, 50, 100, 200kg
Rated output(R.O.)	1.0mV/V $\pm$ 1%
Non-linearity	$\leq 0.5\%$ R.O.
Hysteresis	$\leq 0.5\%$ R.O.
Non-repeatability	$\leq 0.2\%$ R.O.
Creep error	$\leq 0.1\%$ in 20min.
Zero balance	$\leq 1\%$ R.O.
Compensated temperature range	-10 ~ 70°C
Operating temperature range	-20 ~ 80°C
Temp. effect on rated output	$\leq 0.1\%$ LOAD/10°C
Temp. effect on zero balance	$\leq 0.1\%$ R.O./10°C
Terminal input resistance	410 Ohms $\pm$ 30 Ohms
Terminal output resistance	350 Ohms $\pm$ 5 Ohms
Insulation resistance (Min.)	2000 MOhms at 50V DC
Excitation voltage	5V(Recommended), 8V(Max.)
Electrical connection	$\varnothing 3\text{mm} \times 1.5\text{m}$ (28AWG x 4Core Shielded)
Protection class	meets IP 67
Safe overload	150% R.C
Ultimate overload	300% R.C
Material	17-4PH Stainless steel

ORDERING INFORMATION

MTCK() - 10	
MODEL	CAPACITY
MTCK11	10, 30, 50,
MTCK12	100, 200kg
MTCK13	

WIRING INFORMATION

