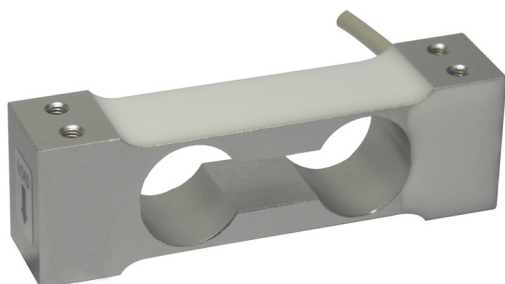




Series MSPCK1

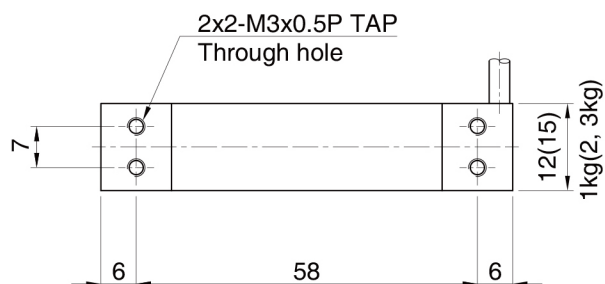
Miniature single point
Load Cell (1kg ~ 3kg)



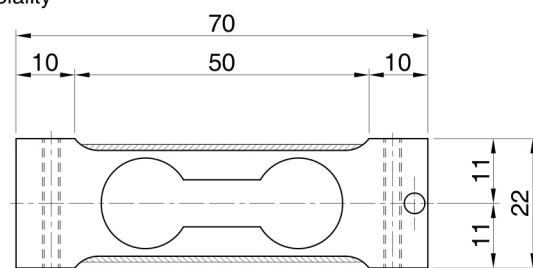
Capacity	Allowable Maximum Platform Size
1, 2, 3kgf (9.807, 19.61, 29.42N)	200 x 200 mm

SPECIFICATIONS

TYPE	MSPCK1
Rated capacity (R.C.)	1, 2, 3kg
Rated output(R.O.)	1.0mV/V $\pm$ 0.1mV/V
Non-linearity	$\leq 0.02\%$ R.O.
Hysteresis	$\leq 0.02\%$ R.O.
Non-repeatability	$\leq 0.02\%$ R.O.
Creep error	$\leq 0.03\%$ in 20min.
Zero balance	$\leq 5\%$ R.O.
Compensated temperature range	-10 ~ 70°C
Operating temperature range	-20 ~ 80°C
Temp. effect on rated output	$\leq 0.012\%$ LOAD/10°C
Temp. effect on zero balance	$\leq 0.04\%$ R.O./10°C
Terminal input resistance	420 Ohms $\pm$ 10 Ohms
Terminal output resistance	350 Ohms $\pm$ 5 Ohms
Insulation resistance (Min.)	2000 Mohms at 50V DC
Excitation voltage	5V(Recommended), 10V(Max.)
Electrical connection	$\phi 3\text{mm} \times 0.5\text{m}$ (28AWG x 4Core Shielded)
Protection class	meets IP 65
Safe overload	150% R.C
Ultimate overload	300% R.C
Material	Aluminum alloy



Load Direction
for Positive Polarity

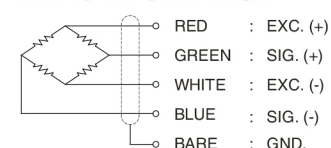


ORDERING INFORMATION

MSPCK1 - 3

TYPE	CAPACITY
MSPCK1	1, 2, 3kg

WIRING INFORMATION



* Specifications are subject to change without notice

WZO CONTROLS LTD