



Series SMCK3

Compression

Sub-Miniature Load Cell(3kg ~ 30kg)

The model SMCK3 subminiature type is designed for low profile compression service.



ORDERING INFORMATION

SMCK3 - 10

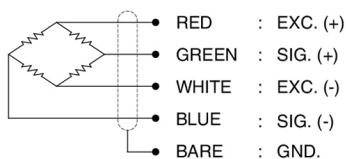
TYPE

SMCK3

CAPACITY

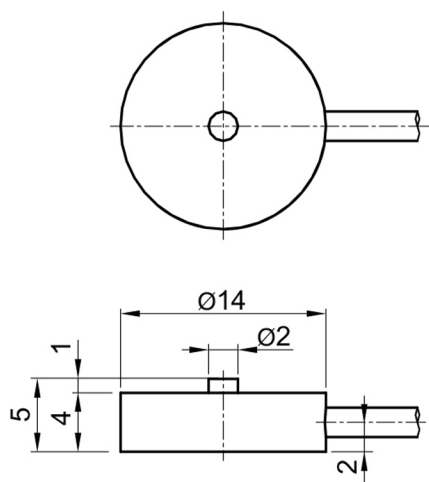
3, 5, 10, 20, 30kg

WIRING INFORMATION



SPECIFICATIONS

TYPE	SMCK3
Rated capacity (R.C.)	3, 5, 10, 20, 30kg
Rated output(R.O.)	0.7 ~ 1.5mV/V
Non-linearity	≤ 0.5% R.O.
Hysteresis	≤ 0.5% R.O.
Non-repeatability	≤ 0.5% R.O.
Creep error	≤ 0.5% in 20min.
Zero balance	±0.2mV/V
Compensated temperature range	-10 ~ 70°C
Operating temperature range	-20 ~ 80°C
Temp. effect on rated output	≤ 0.5% LOAD/10°C
Temp. effect on zero balance	≤ 0.5% R.O./10°C
Terminal input resistance	350 ohms ± 7 ohms
Terminal output resistance	350 ohms ± 7 ohms
Insulation resistance (Min.)	2000 Mohms at 50V DC
Excitation voltage	5V(Recommended), 8V(Maximum)
Electrical connection	Ø2mmx1.5m (30AWG x 4Core Shielded)
Protection class	meets IP 60
Safe overload	150% R.C
Ultimate overload	300% R.C
Material	17-4PH Stainless steel



Actual size



MCK3



SMCK3