

MNCBP Miniature Plane load cell, 0.50kN - 50kN



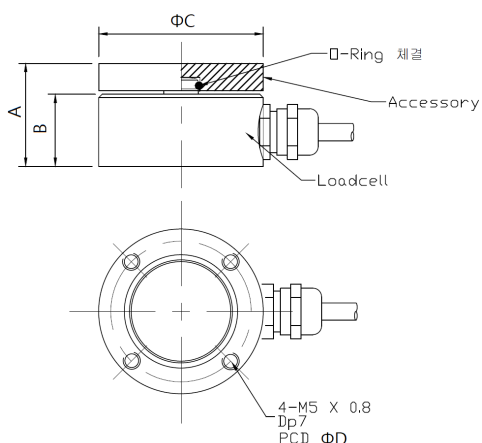
FEATURES

- Plane Loadcell
- Miniature dimension
- Compression application
- Application for PRESS pressure
- Flatness check

SPECIFICATIONS

Max. capacity	kN	0.5, 1, 2, 5, 10, 15, 20, 50
Rated output	mV/V	2.0 ± 0.1
Zero balance	mV/V	0 ± 0.1
Combined error	%	0.5% ($\leq 20\text{kN}$), 0.7% (50kN)
Repeatability	%	0.1 ~ 0.2
Creep for 30 min.	%	0.1 ~ 0.2
Temperature effect on		
Zero Value	%/10°C	0.1
Output value	%/10°C	0.1
Excitation		
Recommended	V	10
Maximum	V	15
Resistance		
Input	Ω	420 ± 30
Output	Ω	350 ± 10
Insulation	M Ω	> 2,000
Compensated temperature range	°C	-10 to +40
Operating temperature range	°C	-20 to +80

DIMENSIONS



unit: mm

Material

Stainless Steel

Cable

Braided shield 4-wire round cable
with Urethane-jacket

Ex+ > Red
Ex- > White
Sig+ > Green
Sig- > Blue
Sh > Black

Model	Capacity	A	B	øC	øD				
MNCBP-0.5kN	0.5kN	30	21	50	42				
MNCBP-1kN	1kN								
MNCBP-2kN	2kN								
MNCBP-5kN	5kN								
MNCBP-10kN	10kN								
MNCBP-15kN	15kN								
MNCBP-20kN	20kN	46	29						
MNCBP-50kN	50kN								