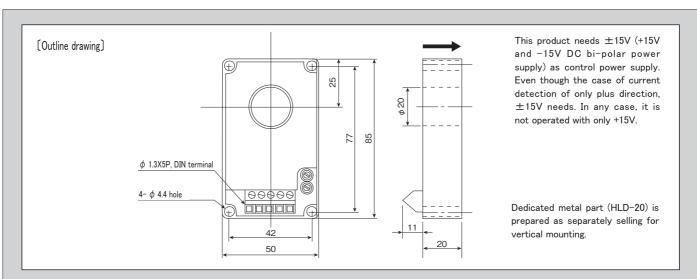
## High precision sensor to measure small DC less than 100mA without contact



Model CMD-4-DC01-SC

## (Features)

- Possible to measure small DC current less than 100mA without contact
- lacksquare Super sensitivity as 100  $\mu$  A resolution
- Big output of 10V/100mA and high stability
- Excellent linearity



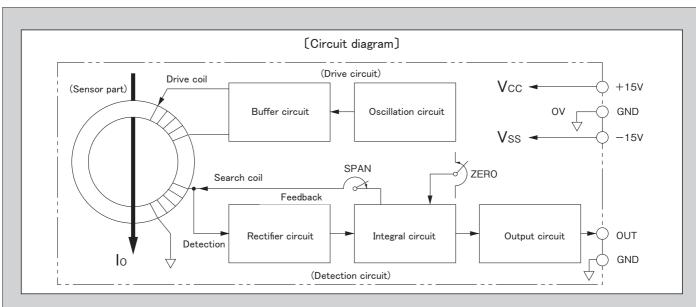
## (Specification)

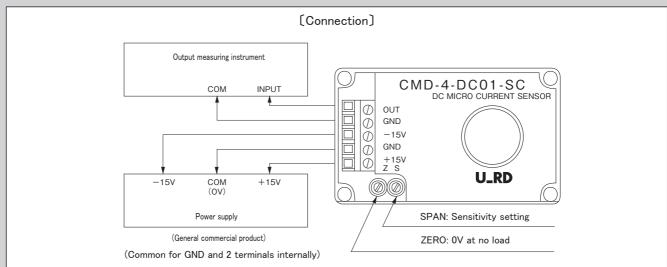
Model		CMD-4-DC01-SC
Rating current (FS)		± 100mA dc
Maximum current		± 150mA dc
Output voltage		± 10V / ± 100mA
Residual voltage		Within ± 50mV
Noise level		6mVp-p 以下
Accuracy		Within ± 1%FS
Linearity		Within ± 0.2%FS
Hysteresis(FS→0)		Within ± 20mV
Output voltage temperature coefficient		Within $\pm$ 0.01%/°C (Ta=0°C $\sim$ 50°C)
Residual voltage temperature coefficient		Within $\pm 2.5$ mV/ $^{\circ}$ C
Output impedance		1k Ω
Mass		DC ∼ 2Hz
Screw torque		100 μ Α
Mass		Within $\pm$ 10mV (H=50A/m DC)
Power supply	Voltage	$\pm 15V \pm 5\%$
	Current consumption	Within ± 10mA
Withstand voltage		AC2000V(50/60Hz), 1min (Aperture-output terminal in a lump)
Insulation resistance		DC500V, $\geq$ 500M $\Omega$ (Aperture-output terminal in a lump)
Operating temperature		$-10$ °C ~ $+60$ °C , $\leq$ 85%RH, no condensation
Storage temperature		$-15$ °C $\sim$ +65°C , $\leq$ 85%RH, no condensation
Screw torque		0.7N • m
Mass		approximately 140g

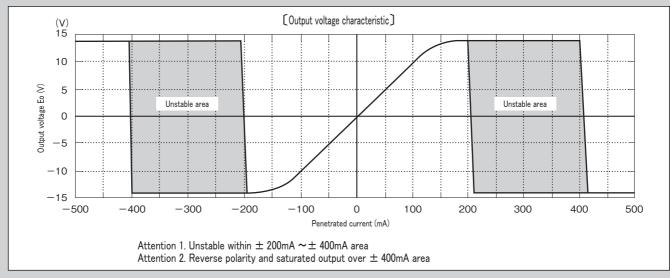
[Remark] (1) After overcurrent more than rating current, offset drift occur by proportional to that current, with hysteresis of core.

Ta=25°C

2016.7







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