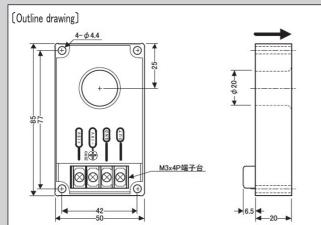
Zero flux type for small current and precision measurement

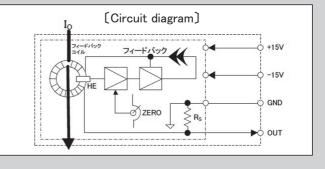


HCS-20-SC-A-05Z-H Model

(Features)

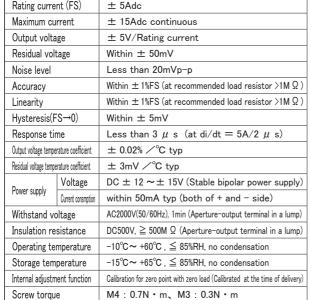
- Zero flux type current sensor composed by magnetic pasth material, hall element, and feedback coil
- Possible to operate by smaller current than conventional product with adoption of high permiability magnetic path material, and decrease hysterisis
- Covering bandwidth DC ~ 20kHz. Excellent linearity.
- High speed response within 3 μ s for full scale (di/dt=5A/2 μ s)
- Excellent temperature characteristic

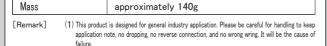




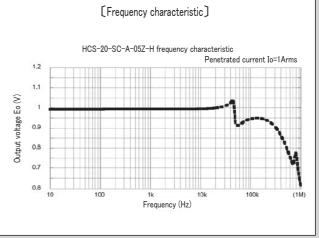
[Output voltage characteristic]

HCS-20-SC-A-05Z-H Penetrated current vs. Output voltage characteristic Output voltage Eo (V) (Specification) Ta=25°C HCS-20-SC-A-05Z-H Rating current (FS) + 5Adc ± 15Adc continuous \pm 5V/Rating current Within ± 50mV Less than 20mVp-p Within \pm 1%FS (at recommended load resistor >1M Ω) Penetrated current (A DC) Within \pm 1%FS (at recommended load resistor >1M Ω)





Screw torque



2016.7