

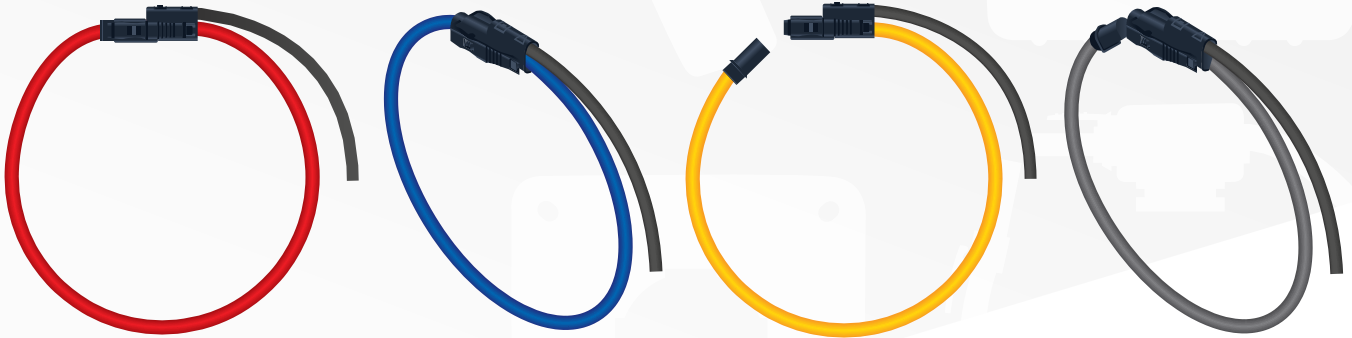
PRECISION CLAMP ON FLEXIBLE ROGOWSKI COIL CT

JRFS-XXX-C-XXX Series

UL US E344623 CE RoHS2 COMPLIANT IP67



J&D's new Micro-accuracy flexible rogowski coil measures even sensitive error to use special magnetic winding technology with small size. It is very effective for small sized AC measuring utility since it reduces chronically affected errors on existed Rogowski coil by conductor's position.



APPLICATIONS

- Energy sub-meters
- Power meters
- Power quality monitoring
- Condition monitoring
- Distributed measurement systems

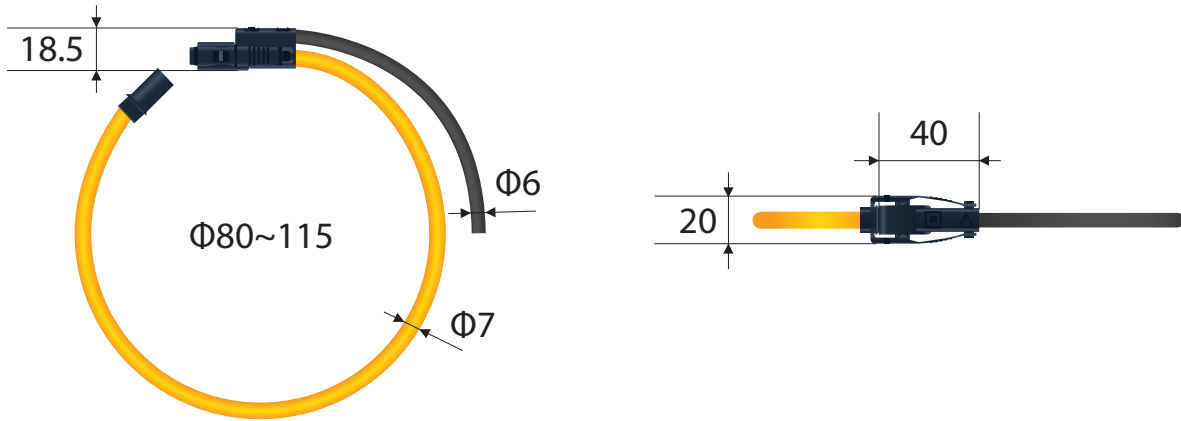
FEATURES

- Ø80, Ø115mm sensing aperture for non-contact measurement
- Very low position sensitivity
- No danger from open-circuited secondary
- High secondary output voltage & precise linearity error
- Isolated plastic case recognized according to UL94 -V0

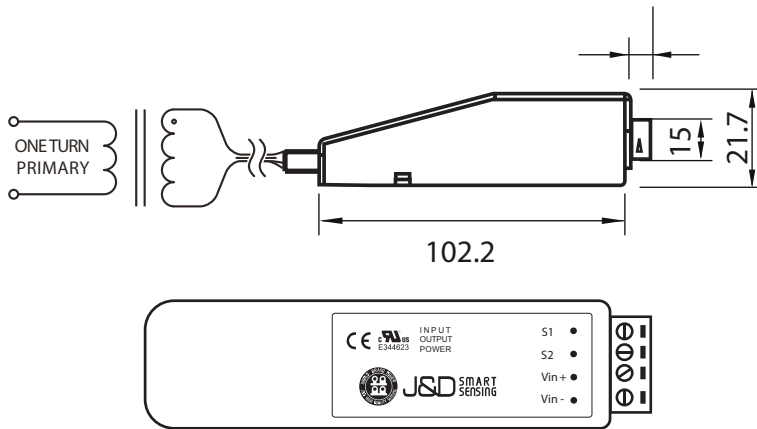
SPECIFICATION

| Model | JRFS-080 | JRFS-115 |
|----------------------------------|---|--|
| Rated Current | 1kA | 1kA ~ 2kA |
| Output Voltage | 104mV AC/1kA@50Hz 124.8mV AC/1kA@60Hz | 136mV AC/2kA@50Hz 163.2mV AC/2kA@60Hz |
| Accuracy | < 1% | |
| Phase Shift | < 1° at 50/60Hz (typical < 0.5°) | |
| Frequency Range | 10Hz to 20kHz | |
| Output Sensitivity Tolerance | ±10% maximum(Uncalibrated) | |
| Output Sensitivity Tolerance | ±0.5% of reading at 25°C (Calibrated) | |
| Linearity (10% to 100% of range) | ±0.2% of reading | |
| Conductor Position Sensitivity | ±2% maximum | |
| Influence of External Field | ±2% maximum | |
| Working Temp. | -30°C ~ + 60°C | |
| Storage Temp. | -40°C ~ + 60°C | |
| Insulation Category | CATIII 1000V / CATIV 600V (PD2-Double Insulation) | |
| Safety Standards | EN/UL/cUL 61010-1, 61010-2-032 | |
| Testing Voltage | 7400V/1min | |

■ DIMENSIONS



■ OPTION : INTEGRATOR C-XXX SERIES



C Type 333mVAC