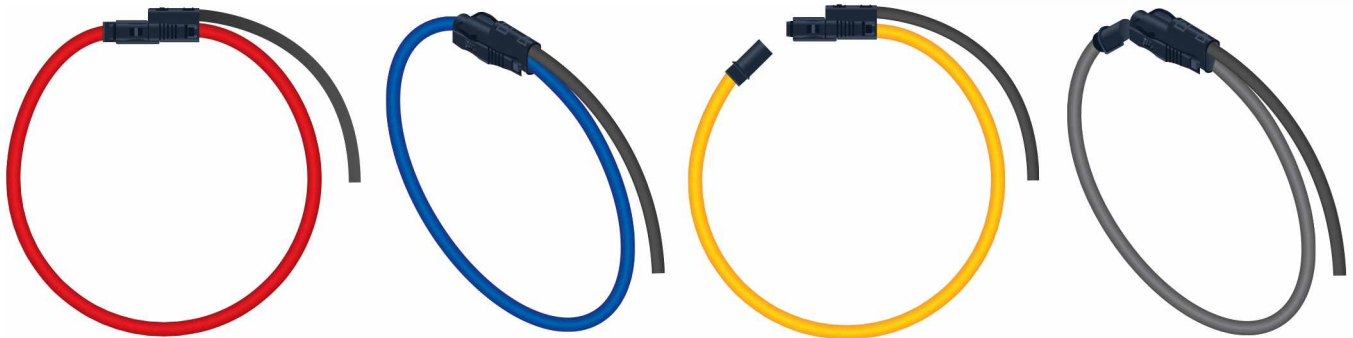


Precision Clamp on Flexible Rogowski coil CT

JRFS-XXX(X-XXX) Series



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

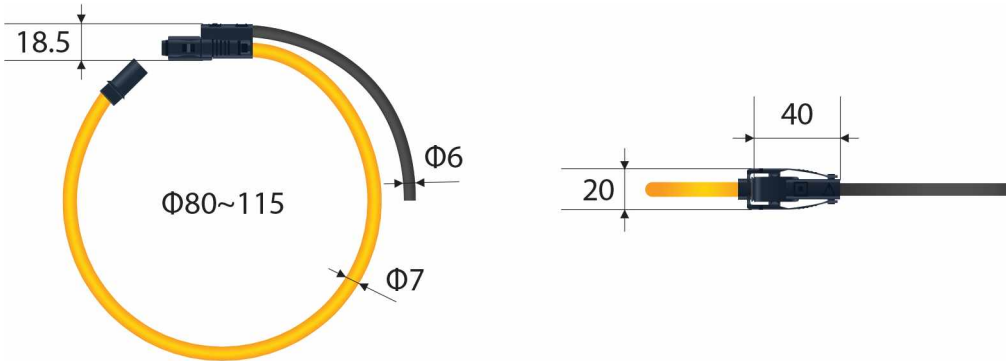
- Ø80, Ø115mm sensing aperture for non-contact measurement
- Very low position sensitivity
- No danger from open-circuited secondary
- High secondary output voltage & precise linearity error
- Isolated plastic case recognized according to UL94 -V0

SPECIFICATION

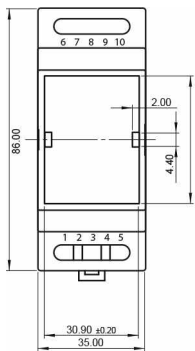
Model	JRFS-080	JRFS-115
Rated Current	1kA	1kA ~ 2kA
Output Voltage	104mV AC/1kA@50Hz 124.8mV AC/1kA@60Hz	136mV AC/2kA@50Hz 163.2mV AC/2kA@60Hz
Accuracy	< 1%	
Phase Shift	< 1° at 50/60Hz (typical < 0.5°)	
Frequency Range	10Hz to 20kHz	
Output Sensitivity Tolerance	±10% maximum(Uncalibrated)	
Output Sensitivity 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	



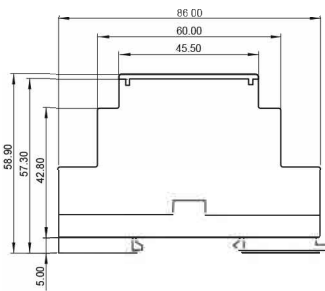
DIMENSIONS



OPTION : INTEGRATOR S/T-XXX SERIES



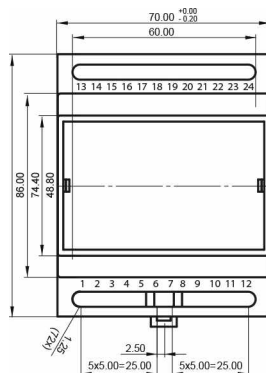
S Series Output : 4-20mADC / 0-5VDC



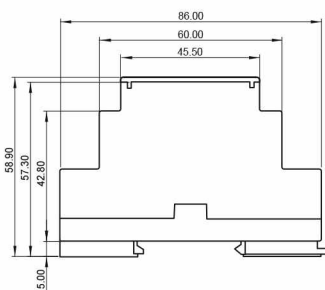
Output : 4-20mADC / 0-5VDC



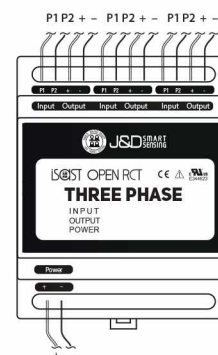
Power supply : 24V DC



T Series Output : 4-20mADC / 0-5VDC



Output : 4-20mADC / 0-5VDC



Power supply : 24V DC