

Miniature Transducers for mounting on standard DIN rails



Small size

Just 22.5 mm wide

Simplified stocking

Dual 1 Amp and 5 Amp Inputs

Standard Output

Industry standard 4-20mA

DRIVE II Transducers — the simplest device possible for measuring current. For minimising stocking, each transducer may be connected for 5 Amp or 1 Amp input. Neat, slim and easy to use. Applications include:

- ☐ **Motor Control**
- ☐ **Failure Detection**, including
Heating Coils
Lighting circuits
- ☐ **Energy Management**
- ☐ **Control Systems**,

Where the application is for lower or higher currents, the **XD** range of transducers can directly measure currents from 5mA to 250 Amp.

Brief Specification

Input I_n	1 Amp & 5 Amp
Sensing	Mean
Frequency Range	45Hz - 65Hz Standard
Operating Range	0 - 120% nominal FS Amp
Overload for 10 seconds Continuous	$\times 15 I_n$ $\times 2 I_n$
Output	4 - 20 mA max 25mA
Response Time	Less than 1 sec
Accuracy-	Better than Class 1 EN 60688
Output Burden	250 Ω nominal, 600 Ω max
Aux Supply	Loop 24Vdc (16 - 36V)
Max Cable	4mm ²
Isolation Input to Output	4kV 50Hz 1 sec test
Environmental Operating Temp Range Storage Temp Range Humidity Protection Category	-10°C to + 65°C -40°C to + 85°C < 95% non-condensing IP20
Mounting	TS35 DIN Rail
Dimensions	35 x 38 mm x 22.5mm