

Specifications

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| Accuracy | ± 0.5% of Span (standard) Others on request (optional) | Dielectric Strength 2.5kV at 50 Hz for 1 min.(Standard) 4kV (Optional), across Casing - Input/Output/Auxiliary Input - Output Input - Auxiliary Output - Auxiliary Output - Output (Optional, subject to technical feasibility) |
| Accuracy Range | 0 to 120% | |
| Zero Adjustment | ± 2% of Span (min.) | |
| Span Adjustment | ± 10% of Span (min.) | |
| Response Time | < 250 ms for 0 to 90% of Output < 1 s for 0 to 90% of Output for PF | |
| Output Ripple | < 0.5% of Full Scale | |
| Compliance Voltage | 12VDC (max.) | |
| Overload - Continuous | Voltage : 1.2 x Un Current : 2 x In | |
| Overload - Short Duration (1 sec.) | Voltage : 2 x Un Current : 20 x In | |
| Max. Open Circuit Voltage | < 30VDC | |
| Stability | ± 0.25% Per Annum, Non Cumulative | |
| Environmental Conditions | As per IEC 688 User Group II | |
| Operating Temperature | 0 to 55 °C, RH < 95% (non condensing) | |
| Storage Temperature | -20 to 70 °C, RH < 95% (non condensing) | |
| Calibrated At | 27 °C ± 5 °C | |
| Temperature Coefficient | 0.02% / °C | |
| Isolation | Complete (Input/Output/Auxiliary/Case) | Impulse Test 5kV, 1.2 / 50µS |
| Insulation Resistance | > 100MΩ at 500VDC | |
| Self Powered (optional) | Max.Variation of ± 20% in input voltage | |
| Warm Up Time | 20 min. (approx.) | |
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| | | Casing DIN Series Flame Retardant, Polycarbonate (UL 94V-0) Self Extinguishing, Non Drip, DIN Rail cum Wall Mounting Casing |
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| | | Applicable Standards IEC 688 / EN 60688 Electrical Measuring Transducers for converting AC Electrical Quantities to Analog or Digital Signals EN 61010-1 Safety requirements for Electrical Equipment for Measurement Control & Laboratory use EN 61326-1 Electrical Equipment for Measurement Control & Laboratory use - EMC requirements IS12784 (Part-1)1989 Electrical Measuring Transducers for converting AC Electrical Quantities into DC Electrical Quantities : General Purpose Transducer |
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Ordering Information

Model, Series Type, Input Range, Input Voltage, Input Current, PTR, CTR, Frequency, Auxiliary Supply, Output 1, Output 2 & Optionals

Dimensions (in mm)

DIN Series

| Case Size | A | B | C | D | E | F | G | H |
|-----------|-----|-----|-----|----|----|----|----|----|
| I | 75 | 60 | 112 | 70 | 35 | 73 | 50 | 60 |
| II | 100 | 85 | 112 | 70 | 35 | 73 | 50 | 60 |
| III | 150 | 135 | 112 | 70 | 35 | 73 | 50 | 60 |

