

Self-powered current loop isolator, type DAT 511

Features:

- 0÷20 mA isolated conversion;
- No external supply required;
- 3000 Vac galvanic isolation;
- Good accuracy and performance stability;
- EMC compliant – CE mark;
- Suitable for DIN rail mounting in compliance with EN 50022 and EN-50035;



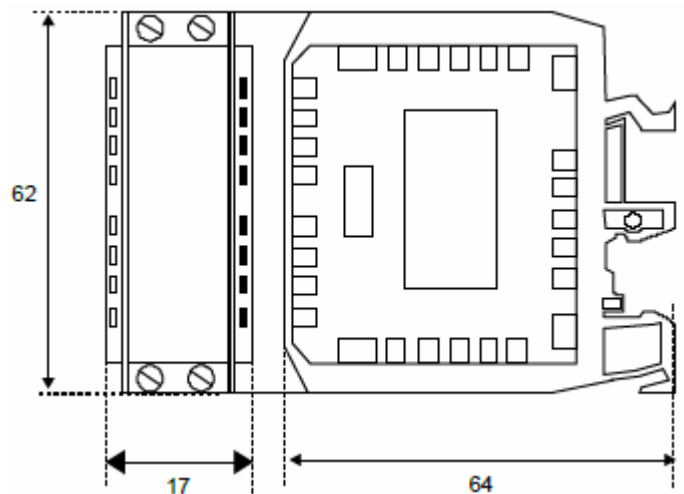
Applications:

- Monitoring and controlling temperature in control processes, automatic systems, energy management, etc.

Technical specifications:

Input signal type*	4-20mA
Maximum input signal	50mA
Voltage drop	Max. 3Vdc
Output signal type	4-20mA
Load resistance	0÷700Ω
Transmission error	± 0.25% f.s.
Load resistance influence	0.085% f.s./100Ω
Thermal drift	±0,02% f.s./°C
Response time	20ms
Isolation voltage	3000Vac, 50Hz, 1minute
Operating temperature	0 ÷ 55°C
Storage temperature	-40 ÷ 85°C
Humidity (not condensed)	0 ÷ 90%
Mounting	DIN rail
Weight	≈ 60g
Immunity EMC	EN 61000-6-2
Emission EMC	EN 61000-6-4

Dimensions (mm):



* internally protected against reverse polarity;