

► Experience the next level of control – Where versatility meets precision!



Dual relay outputs
provides flexibility!

INOR

The SR361 – Your ultimate solution for advanced alarm control in any environment!

Equipped with two adaptable relay changeover contacts, this device provides flexibility. Whether you prefer simultaneous or independent configuration, with the option for MIN or MAX alarms in open or closed-circuit operation, the SR361 adapts to your needs.

Fine-tune your settings effortlessly, all setting elements are located behind the openable front cover. Even when mounted, you can easily access and customize the device to suit your specific requirements. The monitoring states are clearly displayed with eye-catching yellow LEDs, providing a clear visual indication.

Safety is a priority with galvanic isolation between input, power supply, and relay outputs. The SR361 is equipped with Protective Separation and a reliable 24 V DC power supply, making it a universal choice for a wide range of applications, including measurements, industrial processes, and building automation.



SR361

Technical Data

SR361	
Input ranges	0(4) ... 20 mA, 0(2) ... 10 V
Input resistance	Current input approx. 5 Ω, Voltage input approx. 120 kΩ
Overload max.	Current input 200 mA, Voltage input 300 V
Built-in Supply Voltage for operation of external 2-wire Transmitter	16 V at U _{Power} = 24 V, (13 V ... 22 V depending on the supply voltage) current limited ≤ 30 mA
Switch point setting	0 to 110 % with 12-turn potentiometer, independently adjustable for each switching output
Hysteresis setting	0 to 6 % or 0 to 60 % of measuring range switchable, adjustable with potentiometer
Output, Relay 1 & 2	
Contact type	2 changeover relays (SPDT)
Switching capability AC max.	250 V / 6 A, 1500 VA
Switching capability DC max.	250 V / 0.2 A, 115 V / 0.3 A, 30 V / 6 A
Recommended minimum load	300 mW / 5 V / 5 mA
Status indication	one yellow LED per switching output
Response time	approx. 20 ms
General Data	
Switch error	< 0.2 % full scale
Temperature coefficient	< 150 ppm/K
Test voltage	4 kV AC, 50 Hz, 1 min. input against power supply against both switching outputs 3 kV AC, 50 Hz, 1 min. switching output 1 against switching output 2
Working voltage (Basic Insulation)	1000 V AC/DC for overvoltage category II and 600 V AC/DC for overvoltage category III according to DIN EN 61010 with pollution degree 2 between input, power supply and both switching outputs. Furthermore 300 V AC/DC between output 1 and output 2.
Power supply	24 V DC, ± 15 %, approx. 1.0 W
Ambient temperature	Operation - 20 °C to + 60 °C (-4 to + 140 °F) Transport and storage - 35 °C to + 85 °C (-31 to + 185 °F)
EMC	EN 61326-1
Construction	12.5 mm (0.5") housing, protection class IP 20 mounting on 35 mm DIN rail acc. to EN 60715. Weight 70 g

Highlights

Easy configuration on front panel

Operating mode switchable via DIP switch, switch point and hysteresis adjustable with potentiometer

Status indication by LED

Easy monitoring and switching point adjustment

High-power Relay Changeover Contacts

2 SPDT relays with up to 6 A switch capacity at 250 V AC / 30 V DC

True 4-port separation

Protection against erroneous measurements due to parasitic voltages or ground loops

Integrated transmitter supply

Direct connection of external 2-wire transmitter

Protective Separation acc. to EN 61010

Protects service personnel and downstream devices against impermissibly high voltage

High reliability and noise immunity

No microprocessor, no integrated software

Extremely slim design

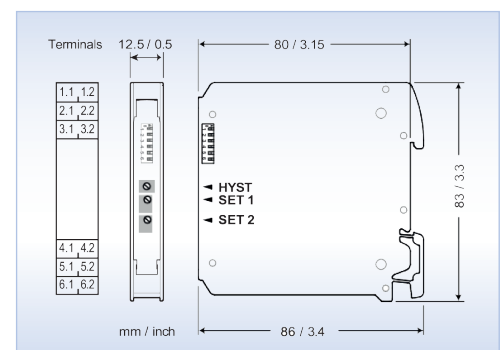
12.5 mm slim housing for a simple and space saving DIN rail mounting

5 Years Warranty

Defects shall be remedied free of charge at our plant

Dimensions

Neat and convenient, designed for various applications.



Contact

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