

J5

- INDICATOR-TRANSMITTER
- STRAIN GAUGE INPUT FOR MELT PRESSURE AND LOAD CELLS



FEATURES	
DISPLAY	J5
Single	5 digit programmable as red or green, h 15.5 mm
INPUTS	
Main input (IN1)	0...20/50/100 mV, 0...1/5/10 V, 0/4...20 mA, strain gauge: from 350 Ω, with bridge excitation 5 V or 10 V
Auxiliary input (IN2)	0/4...20 mA or 0/1...5 V, 0...10 V
Digital inputs	3, logic type not isolated
Accuracy	0.1% ±1 digit (for mA and mV)
OUTPUTS	
Up to 5	OUT 1: Relay SPDT, 2A/250Vac (4A/120Vac) for resistive loads OUT 2: Relay NO, 2A/250Vac (4A/120Vac) for resistive loads OUT 3: Relay NO, 2A/250Vac (4A/120Vac) for resistive loads OUT 4: Relay NO, 2A/250Vac (4A/120Vac) for resistive loads OUT 5: 0/4...20 mA for inputs retransmission
Auxiliary power supply	24 Vdc (±20%)/30 mA max. for external transmitter
Outputs configuration	4, programmable as alarm
FUNCTIONAL	
Special functions	Quick Setup using numerical code, "ISA A" Alarm acknowledge sequence, Displaying IN1, IN2, CIN (conditioned input), Displaying max. and min. values, Display locked / timed, Peaks and valleys, Dedicated key for alarms recognition, Sensor break, Alarms acknowledgement (latching), Inhibition at power-on, OR function
Update measurement time	20 ms
Sampling rate	0.5 sec
Signal retransmission	Measurement
Serial communication	RS485 with Modbus RTU protocol
Baud rate	1200, 2400, 4800, 9600, 19200, 36400, 56800 baud
GENERAL	
Power supply	100...240Vac (−15...+10%) or 24Vac (−25...+12%) or 24Vdc (−15...+25%) (50/60 Hz)
Power consumption	5 VA approx.
Dimensions / Weight	96 x 48 mm (1/8 DIN), depth 110 mm / 250g approx.
Mounting	Flush in panel in 92 x 45 mm hole
Connections	Screw terminal block M3 for cables with section 1 mm² (18AWG)
Front protection degree	IP65
Operating / storage temperature	0... 50°C (32... 122°F) / −30... 70°C (−22... 158°F)
Operating humidity	5... 95% RH without condensation
Conformity	EN61010-1 (IEC1010-1)

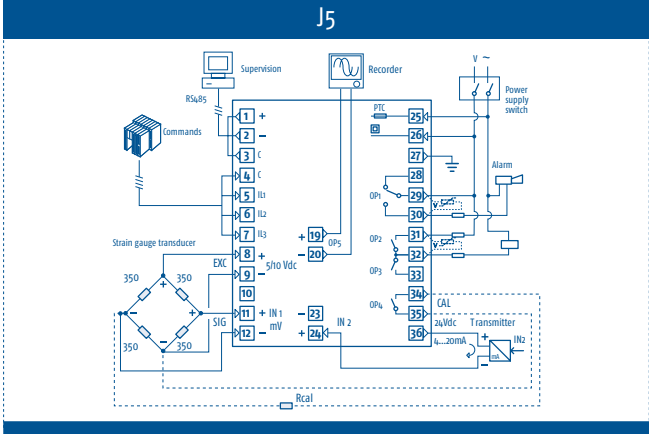


HOW TO ORDER

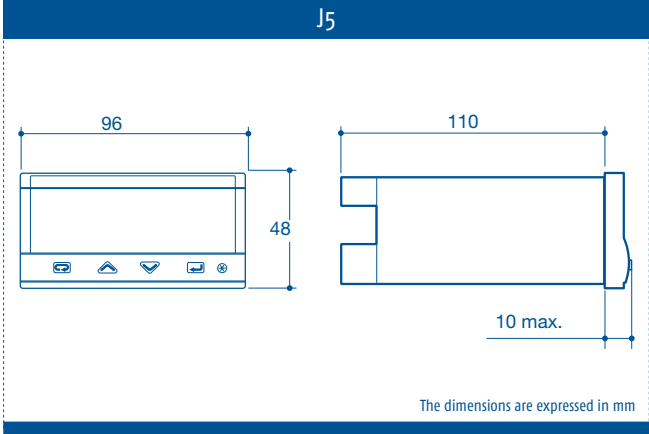
To compose the part number, pls. choose one of the option for each variable

J5	CODE
POWER SUPPLY	
100... 240 Vac	3
24 Vac/Vdc	5
OUT 1, 2, 3 E 4	
Relay-Relay	7
Relay-Relay-Relay-Relay	9
SERIAL COMMUNICATION	
Not available	0
RS485	5
SPECIAL FUNCTIONS	
Not available	0
OUT 5 retransmission	1
Input IN2	2
OUT 5 retransmission+ IN2	5
SPECIAL FUNCTIONS	
Not available	0
INSTRUCTION MANUAL	
English	8
Not available	9
SPECIAL EXECUTION	
Not available	0
Conformal coating	3

CONNECTIONS



DIMENSIONS



The dimensions are expressed in mm