

M2-2VR4C – 4-digit digital panel meter

Standard signal measuring

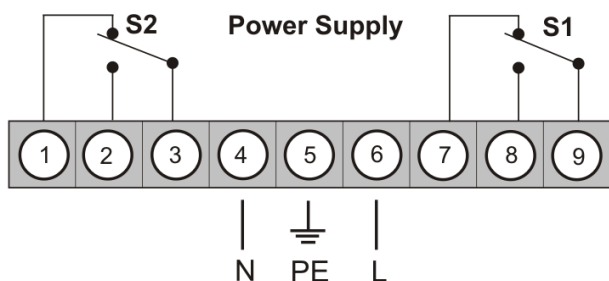
- Digit height: 20 mm
- Colour: red
- Range of display: -999...9999
- Housing: black, made of LEXAN 500R
- Protection class: IP65 (front), IP00 (back)
- Dimensions: 96x96 mm, depth 75 mm, including plug-in terminal
- Supply: 230 VAC
- Sensor supply: 24 V / 50 mA
- Measuring input: 0-10 VDC, 0/4-20 mA
- 2 relay outputs
- 10 point linearization
- Offset allowance
- Tara- / Hold-function



ORDER NUMBER

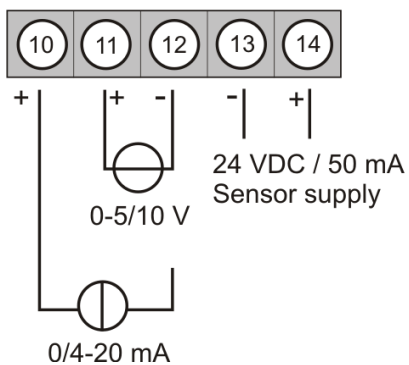
EUR

• Standard signals



M2-2VR4C.0301.572AD

275,00



• Technical data

Housing

Dimensions	96 x 96 x 75 mm (BxHxD), including plug-in terminal
Installation depth	49 mm absolute housing depth; 69 mm including plug-in terminal
Panel cut-out	91.0 ^{+0.6} x 91.0 ^{+0.6} mm
Wall thickness	up to 10 mm
Fixing	fastening element, fixable via screws
Material	LEXAN 500R, black
Weight	approx. 370 g
Connection	removable screw terminal; line cross section up to 2.5 mm ²
Installation grate	horizontally 120 mm / vertically 120 mm recommended

Display

Digit height	20 mm
Segment colour	red
Range of display	-999...9999
Set points	one LED per set points
Overflow	horizontal bars at the top
Underflow	horizontal bars at the bottom
Display time	0.1...10.0 seconds

Inputs

	Measuring range	R _i approx.	Measuring fault [%] of measuring range	Digit
Measuring range /	0...10 V	150 kΩ	0,1	± 1
Input resistance/	0...5 V	150 kΩ	0,1	± 1
Measuring fault	0...20 mA	100 Ω	0,1	± 1
(at measuring time =1 second)	4...20 mA	100 Ω	0,1	± 1

Temperature drift	all measuring inputs 50 ppm/K
Measuring time = display time	0.1...10.0 seconds
Measuring principle	Voltage converter / frequency converter
Resolution (at 1 second measuring time)	approx. 20 bit

Output

Relay	Change-over contact
	230 VAC 5 A / 30 VDC 2 A (cos φ = 1); with ohm resistive burden
Switching cycle	0,5 * 10 ⁵ at max. contact rating 5 * 10 ⁶ mechanically
	Separation according to DIN EN 50178 Specification according to DIN EN 60255

Sensor supply (galvanic isolated)	24 VDC; 50 mA
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Power pack

Voltage supply (galvanic isolated)	230 VAC / 50/60 Hz / ±10 %
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Power consumption	max. 8 VA
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Memory

Data life	Parameter memory EEPROM >20 years
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Ambient conditions

Working temperature	0...60 °C
Storing temperature	-20...80 °C
Climatic density	rel. humidity ≤ 75 % on years average without dew

EMV

EN 61326, EN 55011

CE-sign

Conformity according to 89/336/EWG

Safety standard

According to low voltage directive 2006/95/EG; EN 61010, EN 60664-1

