

■ Programmable Low Cost Digital Panel Meter UM 3023

Characteristics

- Input for standard signals 0-10V and 0/4-20 mA
- LED Display, red, 4 decades, 14 mm
- Display Range -999 - 9999
- DIN Housing 96 x 48 mm
- Scaling
- Isolated Power Supply
- Power supply 24 V, $\pm 20\%$ DC
- Plug-In Screw Terminal
- Identical to BDD-UM 3023 / BAE006K / 128580



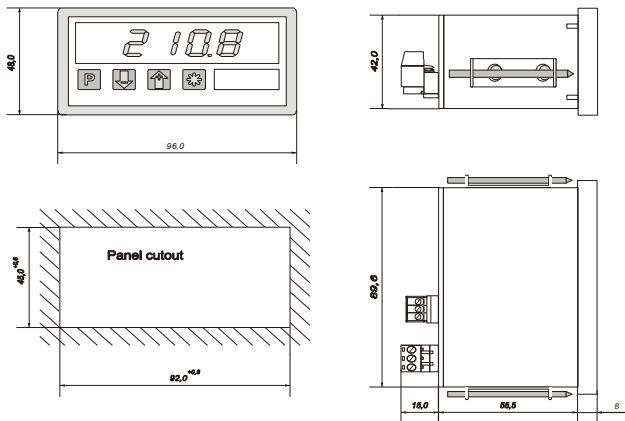
Measuring Ranges

- Input Voltage Range 0 - 10 V
- Input Current Range 0 - 20 mA
- Input Current Range 4 - 20 mA
- Resolution 12 bit

Software Functions

- Scaling
- Taring
- Programmable decimal point
- Display test

Dimensions



Specifications

Ranges

Voltage	: 0..10 V, $\pm 0,05\%$, ± 1 digit
Input impedance	: $> 50 \text{ k}\Omega$
Current	: 0(4)..20mA, $\pm 0,05\%$, ± 1 digit
Input impedance	: 10Ω
Resolution	: 12 Bit
Conversion rate	: approx. 5 per sec

Display

Display	: 4 decades, 14.2 mm, red programmable decimal point, leading zero suppression minus sign
Display range	: -999 .. 9999

Operation, keyboard design

Operation, keyboard design	: front membrane w/ push buttons
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Power supply DC

Power supply DC	: 24 V, $\pm 20\%$ DC, isolated
Power consumption	: max. 65 mA

Case

Case	: 96 x 48 x 63.5 mm
Depth	: < 72 mm incl. screw terminal
Protection case at front	: IP 54
Protection case connection	: IP 20

CE

CE	: 2014/30/EU, 2014/35/EU, 2011/65/EU+2015/863
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Operating temperature

Operating temperature	: 0 .. 60 °C
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Storage temperature

Storage temperature	: -20 .. 70 °C
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Humidity

Humidity	: $< 80\%$, not-condensing
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Field of application

Field of application	: class 2 overvoltage protection II
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Ordering Information

UM 3023 -	0	0	x	0	x	
						Housing
						0 Switchboard
						Reserved
						Front design
						0 Reserved
						1 Jessen-ERMA Logo
						2 No Logo
						Reserved
						Reserved