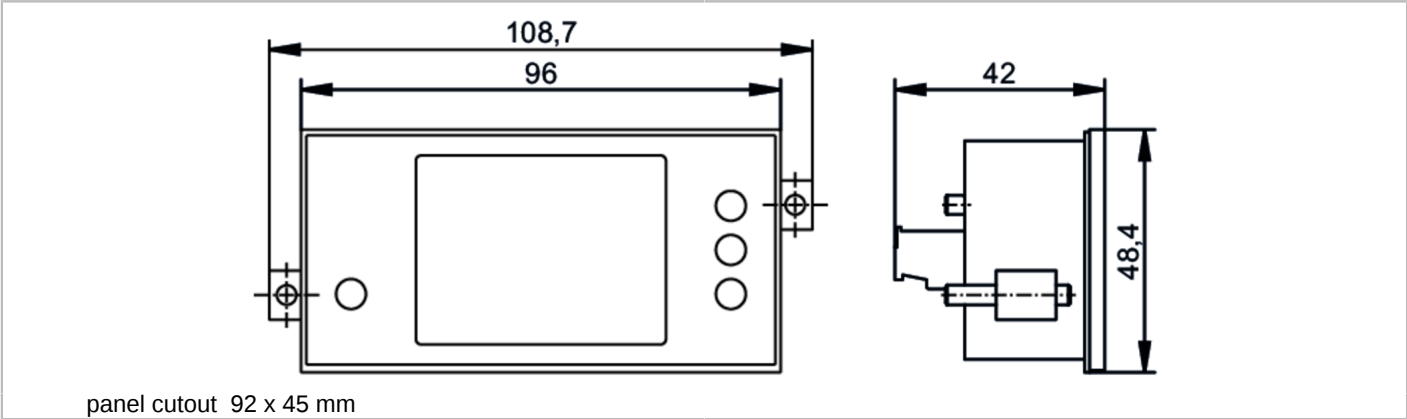


DX1063



Multifunction display for monitoring analogue standard signals

DISPLAY/UNIVERSAL INPUT/DC



Product characteristics		
Dimensions	[mm]	48 x 109 x 42
Application		
Application	displaying and monitoring analogue signals	
Electrical data		
Operating voltage	[V]	21.6...26.4 DC
Current consumption	[mA]	< 65
Inputs / outputs		
Number of inputs and outputs	Number of relay outputs: 2	
Inputs		
Multi-function inputs		
Number	1	
Analogue input	function type	Current
	input range [mA]	0...22
	input resistance [Ω]	125
	Resolution	14 Bit
	accuracy	0,2 % ± 1 Digit
Analogue input	function type	Voltage
	input range [V]	0...12
	input resistance [kΩ]	> 100
	Resolution	14 Bit
	accuracy	0,2 % ± 1 Digit
Resistor input	function type	PT100 / PT1000
	Measuring range [°C]	-200...850
	Resolution	≥ 0,1 K
	accuracy	0,5 % ± 1 Digit



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Analogue input	function type	Thermocouple
	Measuring range [°C]	Typ K: -270...1350
	Measuring range [°C]	Typ S: -50...1750
	Measuring range [°C]	Typ N: -270...1300
	Measuring range [°C]	Typ J: -170...950
	Measuring range [°C]	Typ T: -270...400
	Measuring range [°C]	Typ R: -50...1768
	Measuring range [°C]	Typ B: 80...1820
	Measuring range [°C]	Typ E: -270...1000
	Measuring range [°C]	Typ L: -200...900
	Resolution	1 K
	accuracy	0,3 % ± 1 Digit
Frequency input	function type	frequency
	frequency [Hz]	0...10000
Frequency input	function type	rotational speed
	rotational speed [1/min]	0...9999
Frequency input	function type	counter
	counter	0...9999
Frequency input	Circuit	TTL
	switching level high [V]	> 3
	switching level low [V]	< 2
Frequency input	Circuit	PNP
	switching level high [V]	> 8
	switching level low [V]	< 6
	input frequency [Hz]	< 1000
Frequency input	Circuit	NPN
	switching level high [V]	> 0,8
	switching level low [V]	< 0,8
	input frequency [Hz]	< 3000
Frequency input	Circuit	NAMUR
	Input current High [mA]	> 2,5
	Input current Low [mA]	< 1,5

Outputs

Number of relay outputs	2; (changeover contact)
Contact rating	2 A (30 V DC)

Measuring/setting range

Sampling rate	[Hz]	0...10000; (see operating instructions)
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Operating conditions

Ambient temperature	[°C]	-20...60
Storage temperature	[°C]	-30...70
Max. relative air humidity	[%]	85
Max. height above sea level	[m]	4000
Protection		IP 65
Protection rating terminals		IP 00

Tests / approvals

EMC	EN 61326	
	IEC 61131-2 Typ 3	



Multifunction display for monitoring analogue standard signals

DISPLAY/UNIVERSAL INPUT/DC	
MTTF	[years] 176

Mechanical data	
Weight	[g] 144.8
Type of mounting	panel cutout: 92 x 45 mm
Dimensions	[mm] 48 x 109 x 42
Materials	housing: polycarbonate; Sealing: EPDM

Displays / operating elements		
Display	colour display	full graphics TFT display, 2,4" 320 x 240 Pixel
		digit height 15 mm

Electrical connection	
pluggable screw terminal: ...2.5 mm²	
Connection	

