

Digital display - MCR-FL-D-U-I-2SP- 24 - 2864215

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MCR digital display, for measurement and display of standard signals, auxiliary power supply 24 V DC

Your advantages

- ✓ 96 x 48 mm display
- ✓ Electrical isolation
- ✓ 5-digit display
- ✓ Totalizer
- ✓ 2 relay outputs with freely adjustable limit values
- ✓ For standard analog signals
- ✓ Programmable

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 820688
GTIN	4017918820688

Technical data

Dimensions

Width	96 mm
Height	48 mm
Depth	93.1 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 65 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Degree of protection	IP65 from the front

Input data

Voltage input signal	0 V ... 10 V
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Technical data

Input data

	-10 V ... 10 V
Current input signal	0 mA ... 20 mA
	4 mA ... 20 mA
max. input voltage	± 30 V
Max. input current	50 mA
Input resistance of voltage input	> 1 MΩ
Input resistance current input	< 50 Ω

Switching output

Output name	2 x relay output + digital display
Contact type	2 PDT
Contact material	AgCdO
Maximum switching voltage	300 V DC
	250 V AC
Min. switching current	30 mA DC
Interrupting rating (ohmic load) max.	50 W
	2000 VA
Max. switching current	3 A

Power supply

Supply voltage range	10 V DC ... 30 V DC
Power consumption	max. 2 W

General

Test voltage, input/output/supply	500 V _{rms} / 2.3 kV _{rms} , 50/60 Hz, 1 min.
Color	black
Housing material	Macrolon 2405
Conformance	CE-compliant
UL, USA/Canada	UL 508 Recognized

Standards and Regulations

Connection in acc. with standard	CUL
Conformance	CE-compliant
UL, USA/Canada	UL 508 Recognized

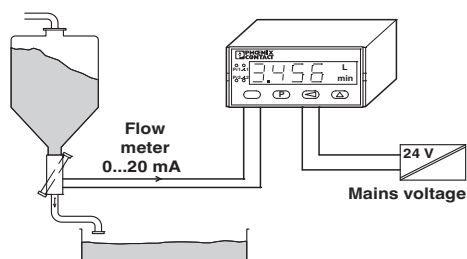
Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

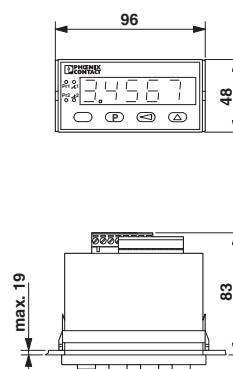
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Application drawing

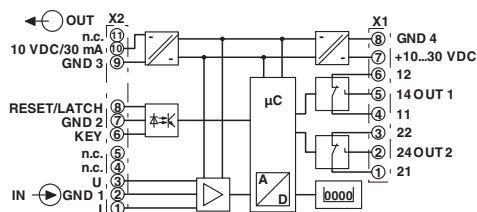


Flow measurement and display

Dimensional drawing



Circuit diagram



Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

UL Recognized



<http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm>

FILE E 197577

cUL Recognized



<http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm>

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Approvals

EAC



RU C-
DE.A*30.B.01082

cULus Recognized



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