

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



Why buy this product

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



Key commercial data

Packing unit	1 pc
GTIN	 4 017918 820688
Weight per Piece (excluding packing)	332.8 g
Custom tariff number	90291000
Country of origin	Germany

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

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Technical data

Input data

Voltage input signal	0 V ... 10 V
	-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

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

Classifications

eCl@ss

eCl@ss 4.0	27143201
eCl@ss 4.1	27143201
eCl@ss 5.0	27143201
eCl@ss 5.1	27143201
eCl@ss 6.0	27143201
eCl@ss 7.0	27143201
eCl@ss 8.0	27143201

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Classifications

ETIM

ETIM 2.0	EC000677
ETIM 3.0	EC000677
ETIM 4.0	EC000677
ETIM 5.0	EC000677

UNSPSC

UNSPSC 6.01	30211506
UNSPSC 7.0901	39121008
UNSPSC 11	39121008
UNSPSC 12.01	39121008
UNSPSC 13.2	39121008

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / GOST / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized

cUL Recognized

GOST

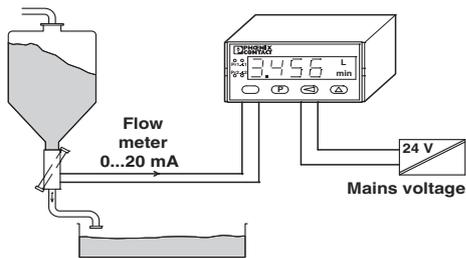
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Approvals

cULus Recognized

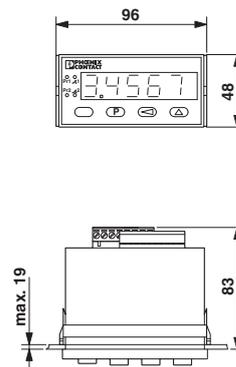
Drawings

Application drawing

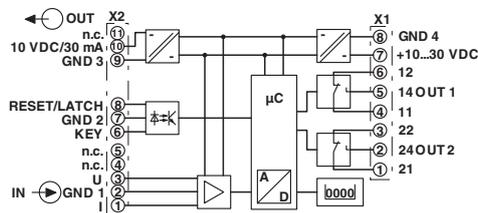


Flow measurement and display

Dimensioned drawing



Circuit diagram



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Dimensioned drawing

