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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 STK
GTIN	 4 017918 820688

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
	-10 V ... 10 V
Current input signal	0 mA ... 0.02 A
	4 mA ... 0.02 A
Max. input voltage	± 30 V

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Technical data

Input data

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

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	27242304

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Classifications

ETIM

ETIM 2.0	EC000677
ETIM 3.0	EC000677
ETIM 4.0	EC000677
ETIM 5.0	EC001426

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 / EAC / EAC / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized

cUL Recognized

EAC

EAC

EAC

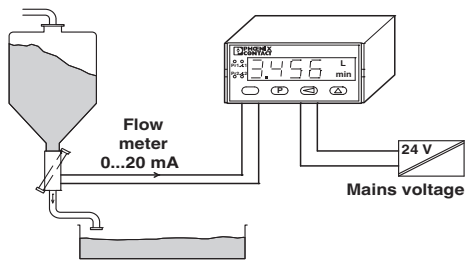
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Approvals

cULus Recognized

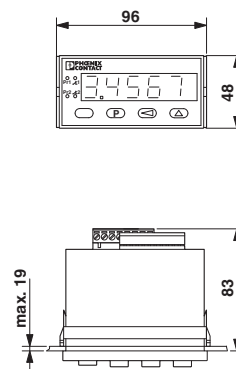
Drawings

Application drawing

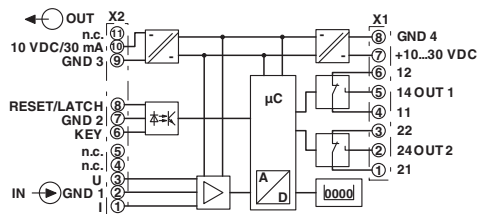


Flow measurement and display

Dimensional drawing

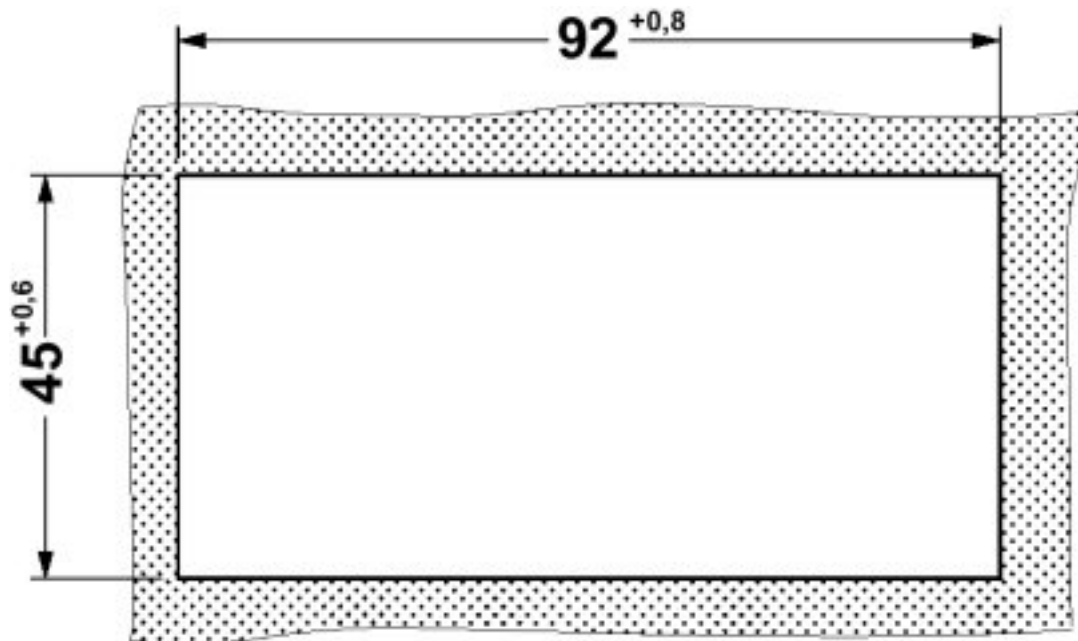


Circuit diagram



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Dimensional drawing



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