

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
Minimum order quantity	1
Catalog page	Page 426 (IF-2011)
GTIN	 4 017918 820688
Weight per Piece (excluding packing)	332.8 GRM
Country of origin	GERMANY

Technical data

Input data

Voltage input signal	0 V ... 10 V
Voltage input signal	-10 V ... 10 V
Current input signal	0 mA ... 20 mA
Current input signal	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

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Technical data

Switching output

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

Power supply

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

General data

Width	96 mm
Height	48 mm
Depth	93.1 mm
Ambient temperature (operation)	-20 °C ... 65 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Degree of protection	IP65 from the front
Test voltage, input/output/supply	(500 Vrms / 2.3 kVrms, 50/60 Hz, 1 min.)
Color	black
Housing material	Macrolon 2405
Conformance	CE-compliant
UL, USA / Canada	UL 508 Recognized

Classifications

eclass

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

etim

ETIM 2.0	EC000677
ETIM 3.0	EC000677
ETIM 4.0	EC000677

unspsc

UNSPSC 6.01	30211506
UNSPSC 7.0901	39121008
UNSPSC 11	39121008

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

Classifications

unspsc

UNSPSC 12.01	39121008
UNSPSC 13.2	39121008

Approvals

Certificates

Certification

UL Recognized / cUL Recognized / GOST / cULus Recognized

Certification EX

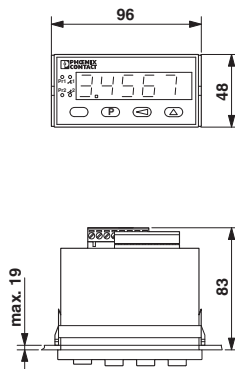
Certification submitted

Approval details

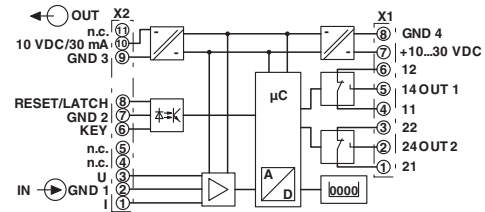
- UL Recognized
- cUL Recognized
- GOST
- cULus Recognized

Drawings

Dimensioned drawing

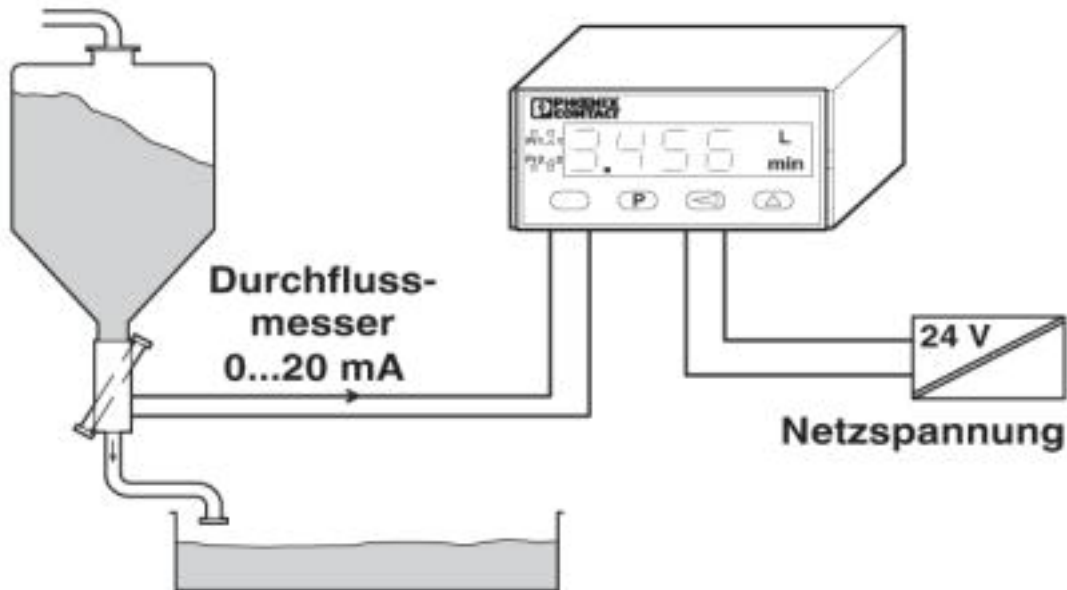


Circuit diagram



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Application drawing



Flow measurement and display

Dimensioned drawing

