



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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
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

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Classifications

unspsc

UNSPSC 12.01	39121008
UNSPSC 13.2	39121008

Approvals

Certificates

Certification

UL Recognized / cUL Recognized / GOST / cULus Recognized

Certification EX

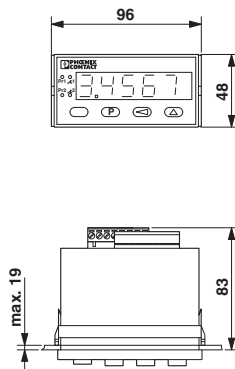
Certification submitted

Approval details

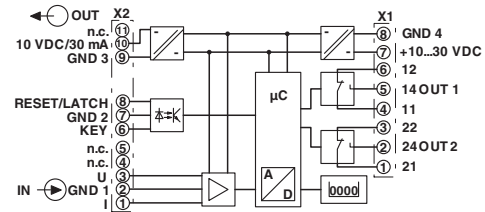
- UL Recognized
- cUL Recognized
- GOST
- cULus Recognized

Drawings

Dimensioned drawing

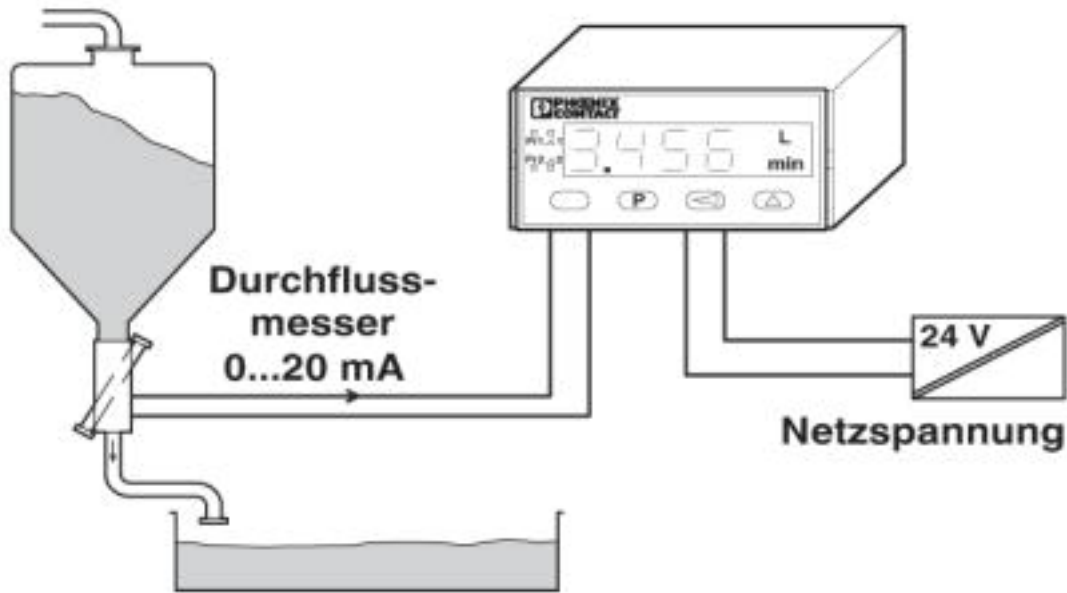


Circuit diagram



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Application drawing



Flow measurement and display

Dimensioned drawing

