

MI456 - Universal measurement Transducer

The MI456 is a measurement transducer that converts DC voltage into an 4-20mA output signal. The transducer does not use much energy and operates with a universal AC/DC auxiliary voltage. The accuracy of the MI456 is 0.5. The MI456 is optionally available with a serial RS232 or a RS485 communication port.

The super compact transducer is available from stock in a number of standard varieties; the other varieties are custom-made.



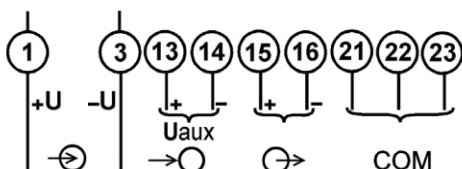
Ordering Specifications

Measurement range	Article number
0-40Vdc	2R8101
0-60mVdc	2R8102
Voltage DC per client specification (Max 300V)	2R8199

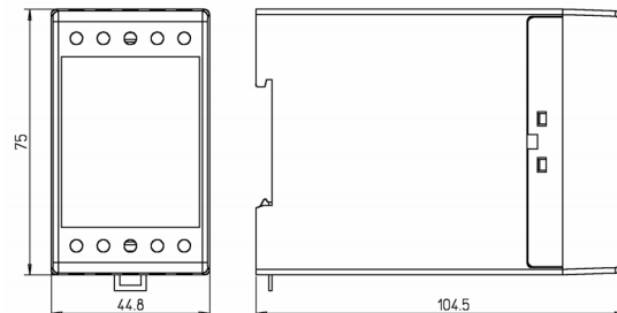
Technical Specifications

Input:	
Nominal voltage:	50mVac 24Vdc to 300Vdc
Overload:	1,2xUn continue 2xUn / 10sec.
Power consumption:	<0,1VA
Output:	
End value:	1, 5, 10 or 20mA
Live zero:	20% of end value
Load voltage:	10V
Current limitation:	<30mA
Voltage:	1, 5 or 10V
Live zero:	20% of end value
Max. current load:	10mA
Voltage limitation:	<30V
Accuracy class:	0.5 (IEC 60688)
Ripple:	<0,4%
Response time:	<500ms 0-90% & 100-10%
Auxiliary supply:	
Voltage:	40-276Vac, 24-300Vdc
Power consumption:	<5VA
Safety:	
Impulse test:	5kV 1,2/50µs
Insulation test:	4kV 50Hz 1min.
Housing protection:	IP20
EMC:	EN61326-1
Usage group:	III (IEC60688)
Pollution degree:	II (EN61010-1)

Wiring Diagram



Dimensions



For all current data about the MT418, we refer you to www.iskra.eu.

