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(slika je simbolična)

## Merilnik pretoka, DN 50, FL 50, 2.0 - 1195 m<sup>3</sup>/h

Kategorija: [Flowmeter with flanged connection](#)Šifra: **135882RIE**

### Kratek opis

Flowmeter incl. measurement section with flanged connection DN 50, Measuring range 2.0 - 1195 m<sup>3</sup>/h, PN max. 16 bar

Calorimetric measurement system for monitoring changes in flow and consumption as well as for leak and energy efficiency measurements. No additional pressure or temperature compensation is necessary. All measured values are recorded digitally, making very rapid, high-precision measurement possible. High measurement accuracy due to defined measurement section.

- Display: Current consumption in l/min, m<sup>3</sup>/hr, etc. and total consumption (meter reading) in m<sup>3</sup>, l, etc.

- Total consumption (meter reading) can be reset to "zero" with keypad

- Display can pivot 180°, measuring device can be unscrewed

- Measured quantities: m<sup>3</sup>/hr, l/min (1000 mbar, 20 °C) for compressed air or

Nm<sup>3</sup>/h, NI/min (1013 mbar, 0 °C) for gases

- Units: m<sup>3</sup>/hr, m<sup>3</sup>/min, l/min, etc. can be selected with keypad

- Gas types: Compressed air (= standard), other gas types such as nitrogen, argon, CO<sub>2</sub>, etc. can be selected with hand-held measurement unit

- Accuracy: ± 1.5% of measured value

- Digital output: RS 485 interface, Modbus RTU for connecting to energy management systems, building management systems, etc.

- Housing material: Polycarbonate (IP65)

- Measurement section material: Stainless steel 1.4301

Not included in delivery:

- Wall power supply

- Portable hand-held measurement unit with mobile data logger

### Tehnične Specifikacije

|                                |                                                            |
|--------------------------------|------------------------------------------------------------|
| Min. temperaturno območje [°C] | -30                                                        |
| Izhodni volumski pretok        | Analogue 4 to 20 mA, pulse output (galvanically separated) |
| Merilni sistem                 | Calorimetric measurement                                   |
| Prirobnica                     | DIN EN 1092-1                                              |
| Srednje                        | Compressed air, neutral gases                              |
| Zaslon                         | Background lighting                                        |
| Min. merilno območje           | 2.0 m <sup>3</sup> /h                                      |
| Število vijačnih lukenj        | 4 x 18                                                     |
| Max. obratovalni tlak [bar]    | 16                                                         |
| Operativna napetost            | 24 V DC                                                    |
| DN                             | 50                                                         |
| I.D. cevi [mm]                 | 53.1                                                       |
| Max. temperaturno območje [°C] | 80                                                         |
| Smotni krog Ø K [mm]           | 125                                                        |
| Prirobnica Ø D [mm]            | 165                                                        |
| H1 [mm]                        | 165.7                                                      |
| L [mm]                         | 475.0                                                      |
| Max. merilno območje           | 1195 m <sup>3</sup> /h                                     |