

# Flow Meter

## DMM 25-100-NB / DMM 40-100-NB



### Technical Data

**Housing** compact multipart stainless steel housing with carry handles and mounting brackets

**Connections**  
**Electrical** power supply 24 V DC, pressure and flow signal 4-20 mA each with cable 15 m and plug  
**Fuse** glass pipe fuse (50 mA)

**In-/Outlet pressure line**  
 DMM 25-100-NB G 1 BSPP IG DN 25 - RD 38  
 DMM 40-100-NB G 1 ½ BSPP IG DN 40 - RD 55

**Pressure sensor**  
 DMM 25-100-NB G ½ BSPP IG, 0-100 bar [1.450 psi], 4-20 mA  
 DMM 40-100-NB G ½ BSPP IG, 0-100 bar [1.450 psi], 4-20 mA

**Dimensions**  
 DMM 25-100-NB Lenght x Width x Height approx. 600 x 170 x 520 (mm)  
 DMM 40-100-NB approx. 830 x 250 x 530 (mm)

**Weight**  
 DMM 25-100-NB approx. 26 kg  
 DMM 40-100-NB approx. 42 kg

**Application** Measuring of flow and pressure at pumping of abrasive solids like cement, fly ash and bentonite suspensions at anchoring, injections, fillings, flushings, groutings, plugging and vibrating jobs

#### Measuring Element

- Measuring tube (diameter): DMM 25-100-NB DN 25  
 DMM 40-100-NB DN 40

- Measurement method: inductive
- Coating: ceramic
- Medium temp.: -20 °C [-4°F] up to +120 °C [+248°F]
- Operating temp.: -10 °C [+14°F] up to +40 °C [+104°F]
- Measuring range: DMM 25-100-NB: approx. 1,5 - 300 l/min. [approx. 0,4 - 79 gal U.S.]  
 DMM 40-100-NB: approx. 3,5 - 650 l/min. [approx. 0,9 - 171 gal U.S.]

- permitted operating pressure: max. 100 bar<sup>1)</sup> [max. 1.450 psi] at cont. operation

#### Measuring amplifier:

- 3-lined display with buttons for menu navigation
- alphanumeric display for current flow in l/min. [gal U.S.]
- day and total counter with zero-setting
- error indications



<sup>1)</sup>1 bar = 1 x 10<sup>5</sup> N / m<sup>2</sup>  
 (Status April 2013 / technical changes reserved)