

# Flow-Meter

## DMM 15-100-KE / DMM 25-100-KE / DMM 80-KE



### 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 15-100-KE	G ½ BSPP IG DN 15 - RD 32
DMM 25-100-KE	G 1 BSPP IG DN 25 - RD 38
DMM 80-KE	G 3 BSPP IG DN 80 - RD 105
Pressure Sensor	
DMM 15-100-KE	G ½ BSPP IG, 0-100 bar, 4-20 mA
DMM 25-100-KE	G ½ BSPP IG, 0-100 bar, 4-20 mA
DMM 80-KE	without (installation in suction line)
Dimensions	Lenght x Width x Height
DMM 15-100-KE	approx. 450 x 170 x 440 (mm)
DMM 25-100-KE	approx. 500 x 170 x 480 (mm)
DMM 80-KE	approx. 1.000 x 250 x 550 (mm)
Weight	
DMM 15-100-KE	approx. 10,0 kg
DMM 25-100-KE	approx. 22,0 kg
DMM 80-KE	approx. 42,0 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, piling and vibrating jobs

### Measuring Element

Measuring Tube (Ø):	DMM 15-100-KE	→ DN 15 (mm)
	DMM 25-100-KE	→ DN 25 (mm)
	DMM 80-KE	→ DN 80 (mm)

Measuring 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 15-100-KE	approx. 0,5 - 110 l/min. [approx.. 0,13 - 29 gal U.S.]
	DMM 25-100-KE	approx. 1,5 - 300 l/min. [approx.. 0,4 - 79 gal U.S.]
	DMM 80-KE	approx. 18 - 3.000 l/min. [approx.. 4,8 - 792 gal U.S.]

Permitted operating pressure:	max. 40 bar <sup>1)</sup> [580 psi] <sup>1)</sup> (at continuous operation)
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### 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 2019 / Technical changes reserved)