

# M25 - M40

INDUSTRIAL METER

**DIEHL**  
Metering



## APPLICATION

M 25 and M 40 meters are particularly designed to demineralized water metering.

Housing made in composite material just as all the measuring chamber avoid all metals relarguage in the measured liquid. That meter thanks to its reduced head loss and its substantial measure dynamic is intended as well to measure in process as stocks management.

They can be equipped with a crystal liquids display with restoring and/or a pulse emitter on factory or on site.

## FEATURES

- ▶ Distilled water
- ▶ Low pressure loss
- ▶ Pulse emitter
- ▶ Electronic register with reset
- ▶ ATEX

# M25 - M40

## INDUSTRIAL METER

### METROLOGICAL DATA

Designation		M 25	M 40
Minimal flowrate	l/h	60	120
Maximal flowrate	m <sup>3</sup> /h	6	9.6
Precision	%	± 1.5 %	±1.5

### TEMPERATURE & PRESSURE

		M 25 - M 40	
Water temperature	°C	1 ... 50	
Nominal pressure	bar	16	

ATEX version on request

### DIMENSIONS

Designation		M 25	M 40
Length	mm	190	260
Width	mm	124	152
Height	mm	130 maxi	143 maxi
Weight	kg	1.2 maxi	1,900 maxi
Thread connections	"	1	1 1/4

### REGISTERS



### HEAD LOSS

Designation		M 25	M 40
Head loss at Q <sub>max</sub>	bar	0.7	0.6
kvs (deltaP=Q <sup>2</sup> /Kvs <sup>2</sup> )		51	153