

CORONA MCI COMPOSITE 108

MULTI-JET METER | WET RUNNER



APPLICATION

Domestic water meter

FEATURES

- Modular compact multi-jet domestic meter with inductive scanning (without magnetic influence)
- Housing and screw head made of composite are conform with the Drinking water Ordinance
- Resistant against dirt and aggressive water
- System capability, with standard applicable pulse output 1 l/pulse (inductive). CORONA MCI can be externed in any way - with IZAR RADIO COMPACT 868 I (radio module) or IZAR PULSE I (pulse transmitter)
- Mounting position: horizontal (R 40 - 160), rising pipe / downpipe (R 40)
- Extremely low pressure loss and considerably extended measuring range
- Records very small amounts of water consumption
- Maximum long-term accuracy and absolutely corrosion-resistant
- Measuring data better than specified by calibration regulations
- Capable of withstanding any load for a short time
- Outlet prepared for installing a non-return valve (DVGW approved)

GENERAL

CORONA MCI COMPOSITE 108

Medium temperature range	°C	1 ... 30
Temperature safety	°C	1 ... 50
Ambient operating temperature	°C	1 ... 55
Ambient storage temperature	°C	1 ... 55
Nominal pressure	PN	bar 16
Display range		0.05 l ... 99,999 m ³
Pulse value	l/pulse	1
Protection class		IP 68

TECHNICAL DATA

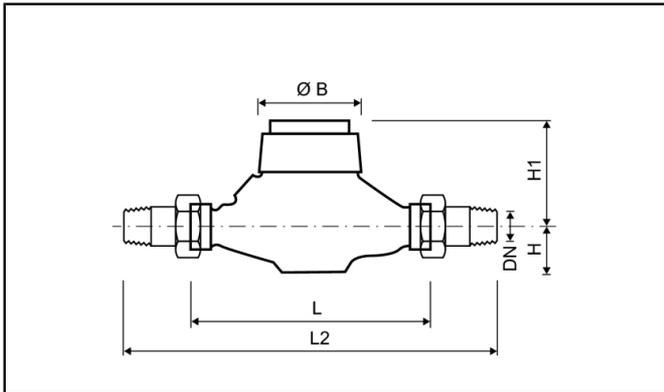
Nominal diameter	DN	mm	20
Permanent flow rate	Q ₃	m ³ /h	4
Overload flow rate	Q ₄	m ³ /h	5
Transitional flow rate	Q ₂	l/h	40
Minimum flow rate	Q ₁	l/h	25 ¹
Starting flow rate		l/h	6
Pressure loss at Q ₃		bar	0.6
Flow rate at 1 bar pressure loss		m ³ /h	6.5

¹ based on R 160

APPROVAL

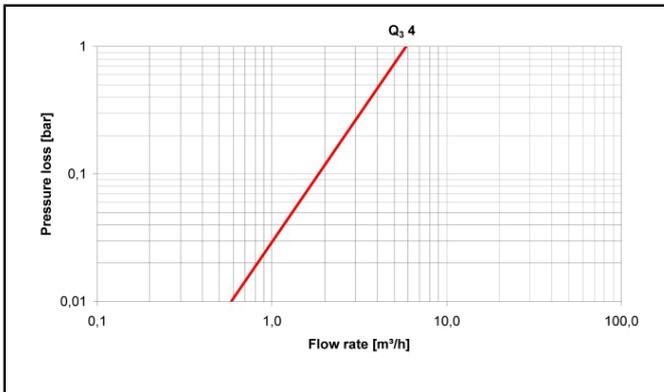
Nominal diameter	DN	mm	20
Permanent flow rate	Q ₃	m ³ /h	4
MID			TH 8629
Sanitary conformity			AoC DEU
Dynamic range horizontal installation (Q ₃ /Q ₁)	R		40 / 80 / 100 / 160
Dynamic range vertical installation (Q ₃ /Q ₁)	R		40

DIMENSIONS

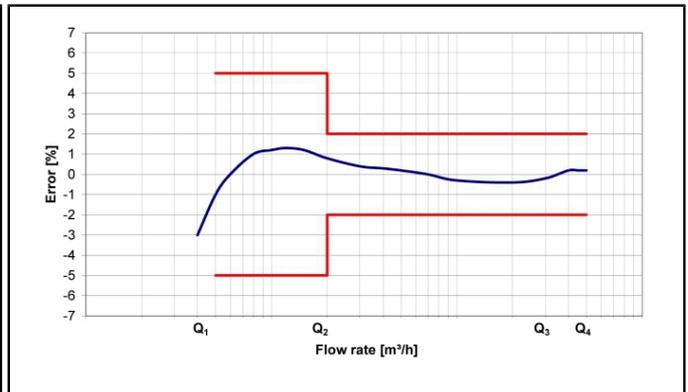


Nominal diameter	DN	mm	20
Permanent flow rate	Q ₃	m ³ /h	4
Overall length (DIN ISO 4064)	L	mm	190
Overall length with coupling	L2	mm	288
Connection thread on meter (ISO 228/1)		Inch	G1B
Connection thread of coupling (DIN 2999)		Inch	R ³ / ₄
Height	H	mm	27
Height	H1	mm	105
Diameter	Ø B	mm	95
Weight without coupling		kg	0.62
Weight with coupling		kg	0.92

PRESSURE LOSS GRAPH / TYPICAL ERROR GRAPH



Pressure loss graph



Typical error graph

Economic Actor Information

Applicable regulation and legal obligations for products may change.

DIEHL METERING monitors applicable regulation to ensure their products comply at the date of placing on the market.

Each economic actor making products available on the market thereafter must independently keep informed about the current applicable regulation.

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