



EnergyMetering

## MTKD-S

Compact dry dial  
multi-jet meter

*counter retrofittable with pulser*

*electronic pulse detection*



**ZENNER**  
*All that counts.*

# MTKD-S

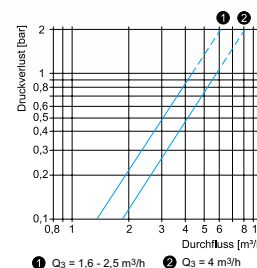
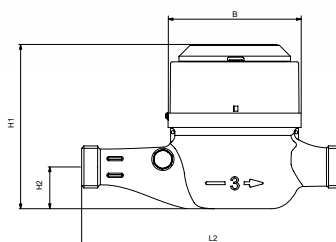
Compact super dry dial multi-jet meter for cold potable water with a lightweight brass body

The new series of our multi-jet dry dial meters are an improvement of the millionfold proved MTK. Our developers succeeded in reducing substantially the weight of the brass body - with positive effects on the measuring quality. The innovation is called MTKD-S, where the "S" stands for small body.

Multi-jet dry dial meters are used, where the water can be charged with particles. Due to the completely encapsulated counter, the meter works perfectly with almost any potable water quality and under challenging ambient conditions. MTKD-S is by default protected against interference and manipulation attempts with one of the most sophisticated protection concepts.

### Performance characteristics in overview

- Rugged, light and intelligently conceived
- Approx. 25% less weight than WVG brass bodies
- Newly developed dry dial counter with tamper-proof magnet coupling available with different counter options (such a wiper, copper can, number of rollers)
- counter with bidirectional reaction-free pulse detection
- Counter 355° rotatable
- Operating temperature 30°C, with security up to 50°C
- Nominal Pressure PN 16
- Display range 0.05 l to 99,999 m³
- Type approvals to MID, OIML and others



Technical data						
Permanent flow*	Q <sub>3</sub> m <sup>3</sup> /h	1,6	2,5	2,5	2,5	4
Nominal diameter	DN mm	15	15	15	20	20
	Inch	1/2"	1/2"	1/2"	3/4"	3/4"
Length	L2 mm	165/170	165/170	190	190	190
	Length with connectors	L1 mm	250/255	250/255	275	288
Thread meter	D1 Inch	3/4"	3/4"	3/4"	1"	1"
Attainable						
measuring range	Q <sub>3</sub> /Q <sub>1</sub> R	100	160	160	160	160
Overload flow*	Q <sub>4</sub> m <sup>3</sup> /h	2	3,125	3,125	3,125	5
Minimum flow*	Q <sub>1</sub> l/h	16	15,6	15,6	15,6	25
Starting flow	l/h	8	8	8	8	10
Height	H1 mm	105	105	105	105	105
	H2 mm	30	30	30	30	30
Width	B mm	85	85	85	85	85
	Weight	kg	0,85	0,85	0,96	0,98

\*according to ISO 4064, MID

## ZENNER International GmbH & Co. KG

Römerstadt 6  
D-66121 Saarbrücken

Telephone +49 681 99 676-30  
Telefax +49 681 99 676-3100

E-Mail info@zenner.com  
Internet www.zenner.com