

SUPER DRY WATER METER WIRED M-BUS

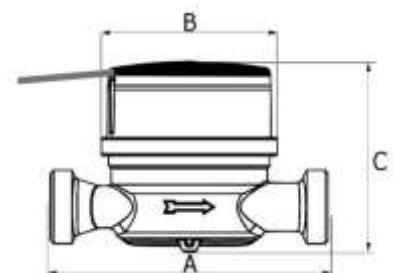
M-Bus

- Single jet water meter, dry dial, 360°rotating counter
- Mod. USF-8 MB R80 for cold water T50
- Mod. USC-8 MB R80 for hot water T90
- **Equipped with wired M-BUS remote reading module**
Cable lenght 0,90 m
- Straight reading on 8-digit rolls
- Measuring range up to R160H
- Power supply with wired Bus network (if connected)
- Approx. 2 years of operation / storage Bus network data disconnected to power supply via backup battery
- M-Bus module protection grade: IP65
- Reverse flow detection up to 255 pulses
- Primary and secondary address pre-set or programmable via programming software and hardware (eg. Micromaster)
Primary 0-250 - Secondary 8 digits
- Processor with 2 pulse detection sensors and processing time
- M-Bus module can be preset for inductive pulse output
- Pulse outputs M-Bus standard EN 13757-3
- **MID MI001** approved according to European Directives
- Optional version: only pre-equipped for wired M-BUS (USF-P-8 WMB/USC-P-8 WMB) and/or with chrome-plated body



TECHNICAL FEATURES WIRED M-BUS NODULE	
Kind od device	Microprocessor device
Power supply	CR2032 225 mAh
Battery life	About 2 years without M-Bus power supply
Measurement time and pulse processing	200 µs
Network transmission speed	2400 baud
Environmental operating conditions	0 °C ... +60 °C
Storage temperature	-20 °C ... +50 °C
Protection rating	IP65

TECHNICAL FEATURES WATER METER	DN	15	20
Permanent flow rate Q ₃	m ³ /h	2,5	4,0
Overload flow rate Q ₄	m ³ /h	3,125	5,0
Transitional flow rate R80H Q ₂	l/h	50	80
Min flow rate R80H	l/h	31,25	50
Accuracy at R80H S	l/h	5	8
Accuracy Class		2	2
ΔP Pressure Loss Class	bar	0,63	0,63
MAP Maximum allowed working pressure	bar	16	16
Dial register from / to		0,0001 / 100,000	0,0001 / 100,000
Meter lenght without couplings A	mm	110 (80)	130
Meter lenght with couplings	mm	190 (160)	228
Maximum diameter B	mm	72	72
Meter height module preset C	mm	70	74
Meter height with wired module	mm	74	78
Weight with couplings kit	Kg ~	0,66 (0,61)	0,95
Weight without couplings kit	Kg ~	0,5 (0,45)	0,70
Threaded connection		G3/4" x R1/2"	G1" x R3/4"
Operating temperature wired Module (min/max)	°C	0 ... 60	0 ... 60
Storage temperature wired Module (min/max)	°C	-20 ... 50	-20 ... 50



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