

G. GIOANOLA



**WIRED M-BUS
SUPER DRY
METER**

M-Bus

- ❑ 360° rotating dry dial single jet
- ❑ Model USF-8 MB R80 for cold water T30
- ❑ Model USC-8 MB R80 for hot water T90
- ❑ **Fitted with wired radio module MB with 0,90 m long cable**
- ❑ Direct reading on 8 digit rolls
- ❑ Measuring range R80H/R50V
- ❑ Power supply with wired Bus network (if connected)
- ❑ Around 2 years of functioning/data storage with Bus network not connected, thanks to back up battery
- ❑ M-Bus module protection grade: IP 65
- ❑ Reverse flow detection up to 255 pulses
- ❑ Primary and secondary address pre-set or programmable via software and hardware (es. Micromaster) Primary 0-250/Secondary 8 digit
- ❑ Processor with 2 sensor to detect pulses and processing time
- ❑ M-Bus module can be preset for inductive pulse output
- ❑ In compliance with M-Bus EN 13757-3 standards
- ❑ MI001 approved according to Directive 2004/22/EC
- ❑ Optional version: only pre-set for M-Bus module via cable (USF-P-8 WMB / USC-P-8 WMB) and/or nickelled body



USF-P WMB



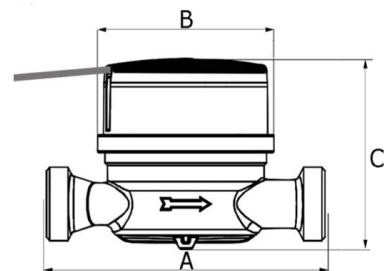
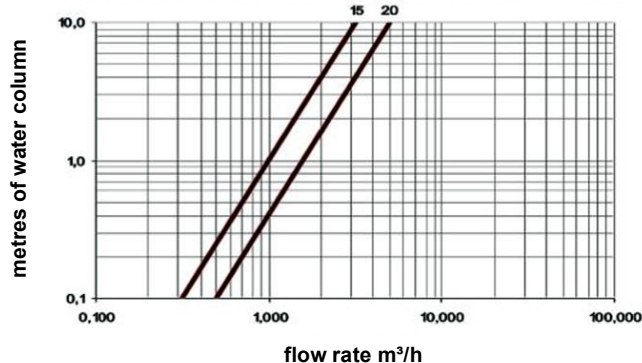
USC-P WMB



MB module
processor with 2 sensors

TECHNICAL DATA	DN	15	20
Max flow rate for short period Q4	m ³ /h	3,125	5,0
Permanent flow rate Q3	m ³ /h	2,5	4,0
Transitional flow rate Q2 R80H	l/h	50	80
Min flow rate Q1 R80H	l/h	31,25	50
Starting flow R80H	l/h	8	15
Measuring range Q3/Q1		R80H - R50V	R80H - R50V
Max allowed working pressure MAP	bar	16	16
Flow rate at 1 bar of head loss	l/h	3200	3200
Minimum reading unit	l	0,05	0,05
Maximum possible reading	m ³	100.000	100.000
Length without couplings A	mm	110 (80)	130
Length with couplings	mm	190 (160)	228
Max diameter B	mm	76	76
Height of meter pre-set / with module C	mm	69	69
Weight with couplings	mm	79	79
Weight without couplings	Kg ~	0,66 (0,61)	0,95
Thread connection	Kg ~	0,5 (0,45)	0,70
Wired module operating temperature (min/max)		G3/4" x	G1" x R3/4"
Wired module storage temperature (min/max)	°C	0 ... 60	0 ... 60
Wire length 2x0,25 mm	°C	-20 ... 50	-20 ... 50

Head loss diagram



The company's policy is one of continuous product improvement and the right is reserved to modify the specifications contained herein without notice. 02-18



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