

PRODUCT SPECIFICATION



MT-EX SERIES WATER METERS 15mm to 50mm

Used for measuring the volume of water passing through pipeline in irrigation systems. As water passes through the meter, water jets make the impeller rotate. The impeller's rotations are proportional to quantity of water being metered and are magnetically transmitted to the register.

FEATURES

- Hermetically vacuum-sealed register
- Magnetic transmission
- Magnetic shield, for external magnetic field protection
- High-flow accuracy
- Solid and robust design
- High scratch resistant glass on register
- Internal Strainer
- ISO 4064 Class B compliance standard (check local standards)

PULSE REED SWITCH OPTION

- Reed switch sends electric signals per a preset water quantity
- Data pulse output 1 litre, 15mm - 32mm
- Data pulse output 10 litre, 40mm - 50mm
- Switching voltage 6 VAC/DC
- Switching current 0.10 Amps max

OPERATING CONDITIONS

- Water temperature: up to 50°C
- Pressure rating: PN10

INSTALLATION RECOMMENDATIONS

- Inlet requires 5 x pipe diameter of straight pipe
- Outlet requires 2 x pipe diameter of straight pipe
- Follow arrow direction
- Install in horizontal position
- Install a strainer upstream of meter to protect measuring element
- Flush line before installation to remove debris



FLOW DATA

SIZE MM	15	20	25	32	40	50
Nominal Flow Lph	1500	2500	3500	6000	10000	15000
Maximum Flow Lph	3000	5000	7000	12000	20000	30000
Transitional Flow Lph	120	200	280	480	800	3000
Minimum Flow Lph	30	50	70	120	200	450

Specifications Subject to Change Without Notice - Product Drawings / Images are representative only and are subject to change

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MODELS

15mm bsp male	MT-EX15	15mm with 1 litre count reed switch	MT-EXPH15MM
20mm bsp male	MT-EX20	20mm with 1 litre count reed switch	MT-EXPH20MM
25mm bsp male	MT-EX25	25mm with 1 litre count reed switch	MT-EXPH25MM
32mm bsp male	MT-EX32	32mm with 1 litre count reed switch	MT-EXPH32MM
40mm bsp male	MT-EX40	40mm with 10 litre count reed switch	MT-EXPH40MM
50mm bsp male	MT-EX50	50mm with 10 litre count reed switch	MT-EXPH50MM