

PRODUCT SPECIFICATION



LXLG - SERIES WATER METERS 80mm to 300mm

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
- Dry type magnetic transmission
- Magnetic shield, for external magnetic field protection
- High-flow accuracy and steady curve characteristics
- Solid and robust design
- High scratch resistant glass on register
- Removable inserts 80mm to 300mm
- 360° Rotating counter
- ISO 4064 Class B compliance standard (check local standards)
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PULSE REED SWITCH OPTION

- Reed switch sends electric signals per a preset water quantity
- Data pulse output 100 litre, 80mm & 100mm
- Data pulse output 1000 litre, 150mm, 200mm, 250mm & 300mm
- Switching voltage 6 VAC/DC
- Switching current 0.10 Amp max

OPERATING CONDITIONS

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

INSTALLATION RECOMMENDATIONS

- Inlet requires 10 x pipe diameter of straight pipe
- Outlet requires 5 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	80	100	150	200	250	300
Nominal Flow Lph	40000	60000	150000	250000	400000	600000
Maximum Flow Lph	80000	120000	300000	500000	800000	1200000
Transitional Flow Lph	8000	12000	30000	50000	80000	120000
MinimumFlow Lph	1600	2400	6000	10000	12000	18000

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

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MODELS

80mm table E inlet outlet	LXLG-80	80mm with 100 litre count reed switch	LXLG-PH80MM
100mm table E inlet outlet	LXLG-100	100mm with 100 litre count reed switch	LXLG-PH100MM
150mm table E inlet outlet	LXLG-150	150mm with 1000 litre count reed switch	LXLG-PH150MM
200Mm table E inlet outlet	LXLG-200	200mm with 1000 litre count reed switch	LXLG-PH200MM
250mm table E inlet outlet	LXLG-250	250mm with 1000 litre count reed switch	LXLG-PH250MM
300mm table E inlet outlet	LXLG-300	300mm with 1000 litre count reed switch	LXLG-PH300MM