INFERENTIAL METERS LXSG 15mm-20mm

Brass Dry Dial Cold & Hot Water Meter

APPLICATION
- Measures the volume of cold water passing through a pipeline.
- Domestic billing purposes.

FEATURES
- DZR brass body, epoxy coated.
- Magnetic drive.
- Dry type indicator for clear reading.
- Inlets Strainer.
- Pulse prepared with different pulse settings available.
- Capable for recalibration.
- Not sensitive to fine solids.
- Supplied with brass Tailpieces / Connectors.
- Each meter has a unique serial number.
- Inlet and Outlet threads compatible with ISO metric sizes.

WORKING CONDITIONS
- Working temperature: ≤ 50°C for cold water: 1600 kPa (16 Bar)
- Working temperature: ≤ 90°C for hot water: 1000 kPa (10 Bar)

MAXIMUM PERMISSIBLE ERRORS
- In the lower zone from qmin inclusive up to but excluding q_t is ± 5%.
- In the upper zone from q_t inclusive up to and including q_s is ± 2% (Hot water meter: ± 3%).

COMPLIANCE STANDARD
- Conforms to SANS 1529-1: Class B.
- Conforms to ISO4064: Class B.

INSTALLATION REQUIREMENTS
- Must be installed on a horizontal pipeline only.
- Pipeline must be flushed before installation.
- Meters should be constantly full of water during operation.

IMPORTANT NOTICE
- No Hemp to be used during installation.
- No soldering or heat to be applied during installation.

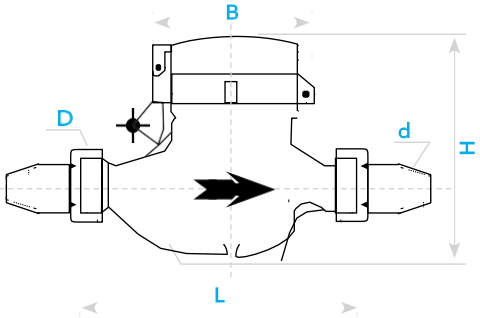
MAIN TECHNICAL SPECIFICATIONS

Type	Size (mm)	Class	m^3/h q_s Max. Flow	m^3/h q_p Nominal Flow	m^3/h q_t Transitional Flow	m^3/h q_{min} Min. Flow	m^3 Min. Reading	m^3 Max. Reading	Pulse Values (Per Pulse) Available on request
LXSG - 15	15	B	3	1,5	0,12	0,3	0,00005	99999	1ℓ or 10 ℓ or 100 ℓ
LXSG - 20	20	B	5	2,5	0,38	0,25	0,00005	99999	1ℓ or 10 ℓ or 100 ℓ

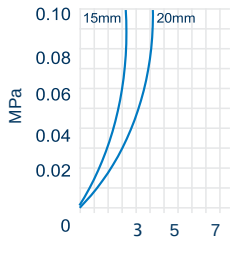
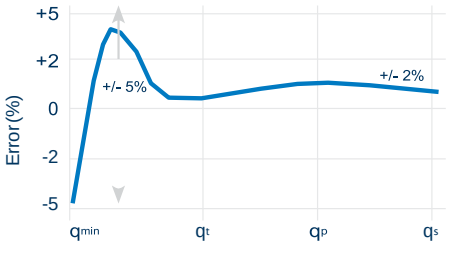
DIMENSIONS

Type	Size (mm)	L	B	H	D	± Weight per Meter (kg)	Per Box of 10 Meters	
		Length (mm)	Width (mm)	Height (mm)	Connection Thread		± Weight (kg)	Dimensions (mm)
LXSG - 15	15	165	97	117	BSP 20mm	1,1	15,5	500 x 235 x 185
LXSG - 20	20	190	97	118	BSP 25mm	1,3	17	500 x 235 x 185

dimensions



HEAD Loss DATA



FLOW ERROR