SANCHUAN

LXEY-S

Electromagnetic Water Meter

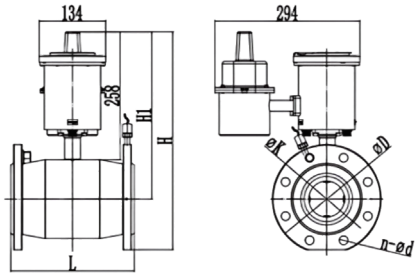
FEATURES

- DN 40 to 300, dynamic range up to R 400
- Ultra-low pressure loss
- IP68 protection level
- Wide measuring range and ultra-low starting flow
- Optional pressure detection

GENERAL INFORMATION

LXEY-S Electromagnetic Water Meter		
Temperature range	° C	0.1 ... +50
Operating temperature		-5 ... +55
Storage temperature		-5 ... +55 (>35 ° C max. 4 weeks)
Environmental class		O (Outdoors)
Meter body material		Stainless Steel
Nominal pressure	MAP bar	16
Communication Module		NB-IoT - 4G - RS485

DIMENSION



TECHNICAL DATA

Nominal Diameter	DN	mm	40	50	80	100	150	200	250	300
Permanent flow rate	Q_3	m^3/h	25	40	100	160	400	630	1000	1600
Minimum flow rate	Q_1	m^3/h	0.1	0.16	0.4	0.64	1.6	2.5	4.0	6.3
Dynamic (Q_3/Q_1)	R		250	250	250	250	250	250	250	250
Overload flow rate	Q_4	m^3/h	31.25	50	125	200	500	787.5	1250	2000
Transitional flow rate	Q_2	m^3/h	0.16	0.26	0.64	1	2.6	4	6.4	10
Max. Pressure Loss		bar	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Overall length	L	mm	200	200	200	250	300	350	450	500
Flange Connection	D	mm	150	165	200	220	285	340	395	445
Height	H	mm	220	220	247	259	335	387	438	465