LHM100 HYDRANT FLOW METER

WITH ABB AQUAMASTER 3

NOT TO SCALE

SPECIFICATION

Meter	Electromagnetic ABB Aquamaster 3
Outlet position	Raised above sensor to give low flow accuracy
Inlet connection	Male 2.5" Instantaneous
Outlet connection	Female 2.5" Instantaneous
Auxiliary outlet	1/4" BSP parallel female thread
Max working pressure*	12 Bar
Measurements**	Length 380mm (15") Width 270mm(10½") Height 485mm (19")
Weight**	9Kg (19lbs)
Pipe material	Aluminium

METER SPECIFICATION

Meter	Electromagnetic ABB Aquamaster 3
Flow range	0.1 l/sec(1.5 GPM US) to > 35 l/sec(460 GPM US)
Accuracy (typical)	±0.4 % of range
Calibration certificate	Issued with Standpipe
Battery Power	8 x 1.5v Alkaline 'D' cells
Battery Life***	At 0° to 50°C (32° to 122°F) typically 1–2 years *(user replaceable)*
Pressure	External Plug-in sensor 0–16 Bar
Data Logger****	ABB Logmaster
Logging interval	15sec to 900sec (adjustable)
Pulse output	Forward and/or Reverse flow output
Display	LCD
Computer connections	RS232 (via optional USB cable)
Transmitter housing	IP68 (NEMA 6P) Stainless steel housing in thermoplastic outer cover with window, encapsulated with resin.
Temperature ranges***	Process 0° to 70°C (32° to 158°F) Ambient –20° to 60°C (–4° to 140°F) Storage –30° to 70°C (–22° to 158°F)

* Tested to 15 Bar

** All weights and measurements are approximate

*** Operation outside ambient temperature limits of 0 to 45°C (32 to 113°F) reduces battery capacity and shortens battery life

**** Typical capacity – 3 months @ 15 min intervals on Cyclic – 7 Days @ 1 min intervals on Cyclic

Langham Controls Ltd reserves the right to change specifications without notice. Please confirm before placing your order.

© February 2025 Langham Controls Ltd. All rights reserved.

LANGHAM CONTROLS LTD

Langham Controls Ltd
48 Alexandra Street
Burton Latimer
Northamptonshire NN15 5SF

01536 724391
info@langhamcontrols.com
www.langhamcontrols.com
@langham-industrial-controls-ltd