Honeywell | Water Metering
THE POWER OF CONNECTED

S150

Single jet and domestic mechanical meter

S150 water meter is part of the velocity and single jet Honeywell´s product portfolio. Designed for domestic use and following the parameters of normative ISO 4064, provides a high accuracy during the meter´s lifetime.

The register is pre-equipped to install easily a bidirectional inductive pulse (check Falcon PR6 pulser data sheet) or radio integrate module (check TPR11 data sheet).

The meter is available with an inclined register, making easy the reading in facilities with difficult access.



MAIN FEATURES

- Brass body.
- High protection against moisture and damage. IP68.
- Magnetic transmition without gear in contact with water.
- Dry type, 350º rotating register.
- Register with 5 number wheels for m^3.
- Size 13/15 y 20 mm for flow of work from (Q3) 2,5 and 4 m^3/h.
- Available in R125 and R160 for horizontal installation and vertical R50.
- Pre-equipped for bidirectional inductive pulse transmitter or radio module.
- Lengths and threads compatible with other meters models.
- Water temperature 50 ºC, although the meter support 60 ºC peaks up without deterioration metrological.
- Remove lid.
- Mechanical sealing system that guarantees the inviolability of the meter.
- Certificate MID Directive.
- Certificate of products in contact with drinking water for human consumption.

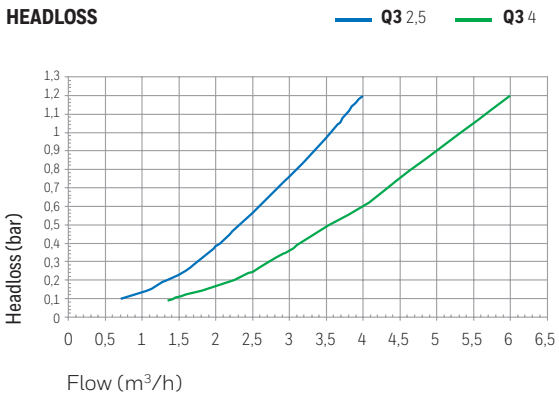
PERFORMANCE DATA

SIZE			13/15		20	
Accuracy	**R**		**125**	**160**	**125**	**160**
Overload Flow Rate	Q4 (±2%)	m^3/h	3,125	3,125	5	5
Permanent Flow Rate	Q3 (±2%)	m^3/h	2,5	2,5	4	4
Transitional Flow Rate	Q2 (±2%)	l/h	32	25	51,2	40
Min. Flow Rate	Q1 (±5%)	l/h	20	15,625	32	25
Starting Flow Rate		l/h	3,5 - 5		5,5 - 7	
Pressure loss at Q3		bar	0,6			
Nominal Pressure	PN	bar	16			

OUTPUT DATA

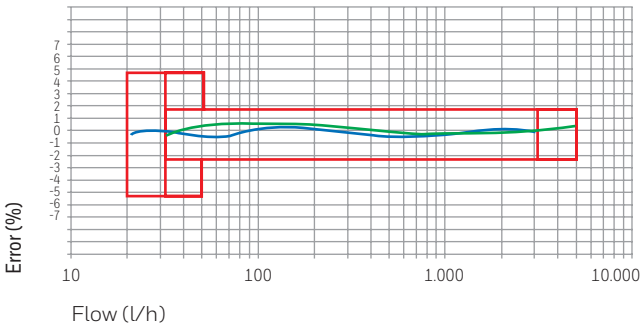
SIZE		13/15	20
Display Resolution	liter	0,05	
Max. Display	m^3	99.999	
Pulse output	l/p	1	

HEADLOSS

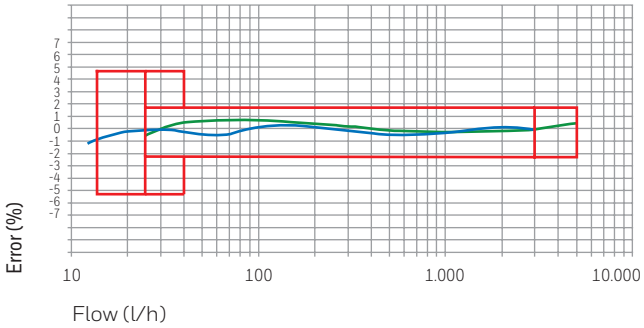


S150 Water Metering

R125 METER ACCURACY — **Q3** 2,5 — **Q3** 4

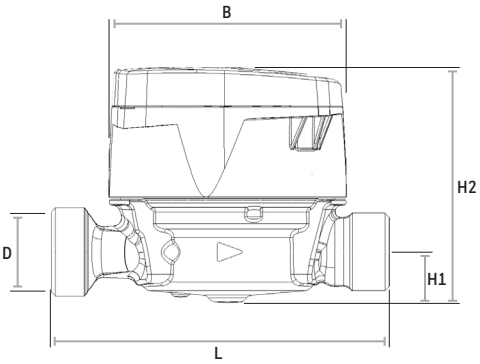


R160 METER ACCURACY — **Q3** 2,5 — **Q3** 4



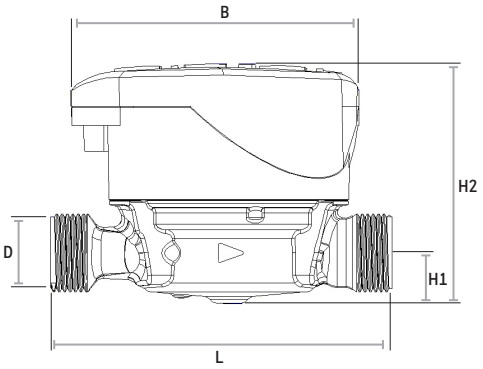
WEIGHTS & DIMENSIONS STANDARD VERSION

SIZE			13/15	20
Distance across threads	**L**	mm	100* a 190	115 a 190
Height lid open		mm	155	155
Height lid closed	**H2**	mm	80	80
Height center line	**H1**	mm	18	18
Widht	**B**	mm	100	100
Threads	**D**	"	7/8 x 3/4 3/4 x 3/4	1 x 1
Weight aprox. (L115)		kg	0,46	0,50



WEIGHTS & DIMENSIONS INCLINED REGISTER VERSION

SIZE			13/15	20
Distance across threads	**L**	mm	100* a 190	115 a 190
Height lid open		mm	155	155
Height lid closed	**H2**	mm	80	80
Height center line	**H1**	mm	18	18
Width	**B**	mm	97	97
Threads	**D**	"	7/8 x 3/4 3/4 x 3/4	1 x 1
Weight aprox. (L115)		kg	0,46	0,50



* For lenght 100 mm, threads 3/4 x 1/2

More information
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