mod. HYDRODIGIT-S1

Certifikati — Certifications

Certifications — Certificaciones

MID Measuring Instrument Directive 2014/32/UE - Approved

ACS

ICIM MATERIALI A CONTATTO CON ACQUA POTABILE

WRAS APPROVED PRODUCT

OMS Open Metering System Gen4

LoRaWAN CERTIFIED



Alternativne izvedbe — Alternative versions



Funkcionalnosti — Features

RANGE 400 — MJERNI RASPON DO R400

ANTI-MAGNETIC Fraud protection — ZAŠTITA OD MAGNETSKE PRIJEVARE

IP68 PROTECTION — STUPANJ ZAŠTITE IP68

ADD-ON MODULE — DODATNI MODUL

360° DIAL — POKLOPAC ZAKRETLJIV ZA 360°

HR

Jednomlazni vodomjer s digitalnim zaslonom s 8 znamenki. Induktivni prijenos. Izrađuje se u izvedbama za hladnu i toplu vodu u nazivnim veličinama DN15 i DN20 mm (1/2" i 3/4"). Brojčanik zakretljiv za 360°. Integrirani prijenos podataka WM-Bus i/ili LoRa. Dostupan vanjski modul za M-Bus komunikaciju.

ENG

Single jet, digital display with 8 digits Inductive transmission. Produced in the versions for cold water and hot water in the diameters DN15 and DN20 mm (1/2"- 3/4"). 360° rotating dial. WM-Bus and/or LoRa integrated transmission modules. External module for M-Bus communication available.

ESP

Chorro único, pantalla digital de 8 caracteres. Transmisión inductiva. Fabricado en versiones para agua fría y caliente, en los diámetros DN15 y DN20 mm (1/2 " y 3/4"). Esfera orientable 360°. Transmisión de datos WM-Bus y/o LoRa integrada. Bajo pedido módulo externo para la comunicación M-Bus.

FRA

Jet unique, display numérique à 8 caractères. Transmission inductive. Fabriqué en versions pour l'eau froide et chaude dans les calibres DN15 et DN20 mm (1/2 "et 3/4"). Cadran rotatif à 360°. Transmission de données intégrée WM-Bus radio et/ou LoRa. Module externe pour communication M-Bus disponible.

Kompatibilni moduli — Compatible modules

mod. IR-MB-PULSE



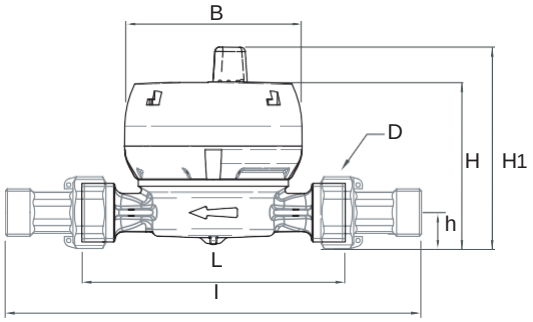
M-Bus

Integrirani prijenos — Integrated transmission

M-Bus wireless

LoRaWAN

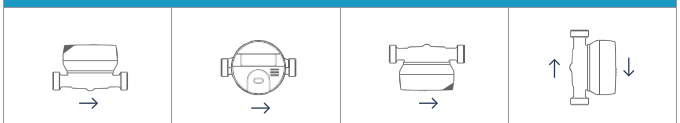
Dimenzije i mase - Dimensions and Weights



Navoj /Threading: EN ISO 228-1:2003

Nazivna veličina - Size		DN (in)	15 (1/2")	15 (1/2")	20 (3/4")
L		mm	80	110	130
l		mm	160	190	228
H		mm	77	74	77
H1		mm	93	93	96
h		mm	13	14	17
B		mm	81	81	81
D		in	3/4"	3/4"	1"
Masa Weight	s priključcima with unions	Kg	0,65	0,70	0,85
	bez priključaka without unions	Kg	0,50	0,55	0,60

Položaj ugradnje - Installation position



*R160 H↑ R250 H↑ *R400 H↑	R160 H→	R160 H↓	R160 V

Osnovna izvedba — Basic version

› R250 H↑ R160 VH↓→
› Hladna voda 0,1-50 °C i topla voda 30-90 °C
› Očitavanje turbine induktivnim sustavom
› Izravno očitanje na LCD zaslonu s 8 znamenki
› IP68*
› Maksimalni vijek trajanja baterije 13 godina **
› Arhiva potrošnje s datumima pohrane
› Signalizacija alarma (povratni protok, curenja itd.)
› Digitalni brojčanik zakretljiv za 360°
› Onemogućena magnetska prijevara
› Integrirani radijski komunikacijski sustav wM-Bus i/ili LoRa
› IR komunikacijski priključak

› R250 H↑ R160 VH↓→
› For cold 0,1-50°C and hot water 30-90°C
› Turbine reading through inductive system
› Direct reading on 8 digits LCD display
› IP68*
› Max battery life 13 years**
› Consumptions historical archive
› Alarms (reverse flow, leaks...)
› 360° rotating digital dial
› Impossible to fraud magnetically
› Integrated communication modules WM-Bus and/or LoRa
› IR communication port

* IP68: najviše 24 sata neprekidnog uranjanja na dubini od 1 m. Napomena: u slučaju oštećenja uzrokovanog slučajnim udarcem, vodomjer se mora zamijeniti novim kako bi se ponovno uspostavio stupanj zaštite.

*IP68: maximum 24 hours of continuous immersion at a depth of 1 m.
Note: in case of damage caused by accidental impact, the meter must be replaced with a new one in order to restore the protection rating.

** Vijek trajanja baterije uvelike ovisi o frekvenciji prijenosa podataka postavljenoj tijekom postupka konfiguracije i o uvjetima okoliša.

**The battery life strongly depends on the data transmission frequency, set during the configuration process, and on the environmental conditions.

Nazivna veličina - Size			DN (in)	15 (1/2")	20 (3/4")
	Preopterećeni protok Overload flow rate	Q_4	m³/h	3,12	5
	Stalni protok Permanent flow rate	Q_3	m³/h	2,5	4
R=160 VH↓→	Prijelazni protok Transitional flow rate	Q_2	L/h	25	40
R=160 VH↓→	Minimalni protok Min flow rate	Q_1	L/h	15,63	25
R=250H ↑	Prijelazni protok Transitional flow rate	Q_2	L/h	16	25,6
R=250H ↑	Minimalni protok Min flow rate	Q_1	L/h	10	16
*R=400 H ↑	Prijelazni protok Transitional flow rate	Q_2	L/h	20	32
*R=400 H ↑	Minimalni protok Min flow rate	Q_1	L/h	12,5	20
	Početni protok Starting flow		L/h	2	3
	Maksimalno očitanje Max reading		m³	99.999	
	Najveći dopušteni tlak Max admissible pressure		bar	16	

* Izvedba na zahtjev / Version on request

Na zahtjev — Upon request

› * Izvedba R400 H↑ e R160 VH↓→
› * Izvedba R160
› Poklopac

› *R400 H↑ and R160 VH↓→ versions
› *R160 version
› Lid