flowIQ[®] 3101 - RF & Encoded Output Installation quick guide

Τλίπκ forward

Ensure correct piping during installation Correct meter placement in . installation Connect the correct pipes parallel to the meter!

Ensure correct pressure during operation Q

kamstrup

frup A/S • 55122326_B1_CA_01.201

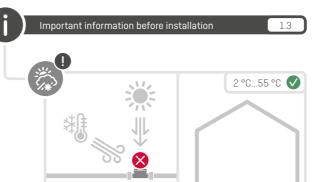
info-us@kamstrup.com T: +1 (404) 835-6716

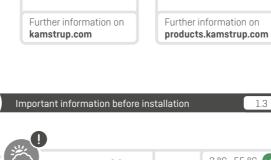
ASU , 37005 AD , II9w209 245 Hembree Park Drive, Ste. 110 Kamstrup Metering Solutions Canada Inc.

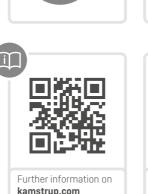


Condensing humidity permitted. (Indoors mounted in utility rooms and outdoors in meter pits). Installation in

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 \odot Maximum operating pressure 275 PSI 🗸 Fixed installation with min. vibration. Electromagnetic environmental class: Residential and commercial Important information before installation 1.4 SSS

> The meter can be installed indoors, in a pit or under water, but direct sun should be avoided. Increased ambient temperature can adversely affect battery life

> > The Meter is filled with

water during operation

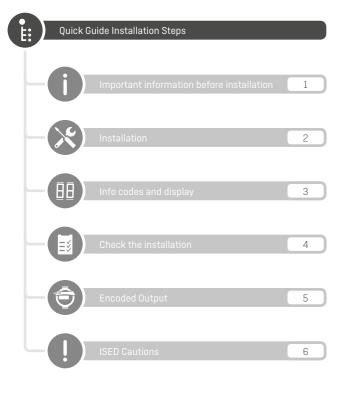
≥ 5 PSI 🗸

Water pressure too low

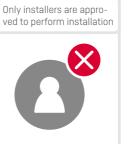
< 5 PSI 🔀

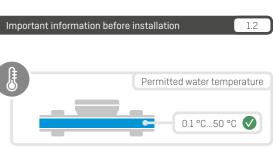
Avoid entrained air in the water flow

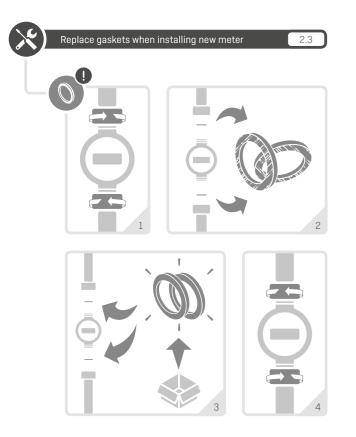
Air 🔀

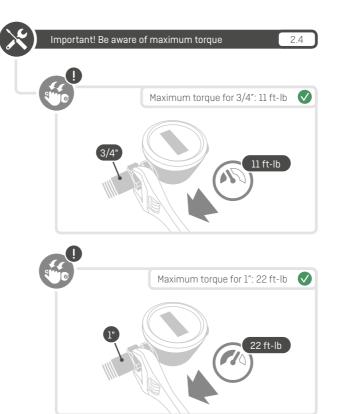


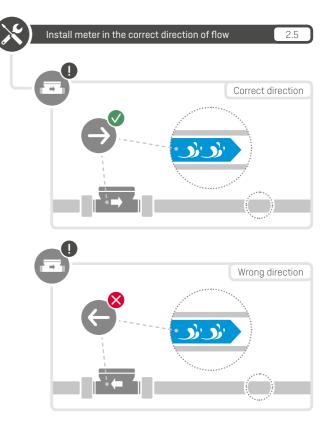


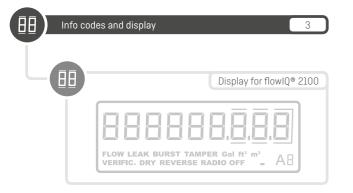




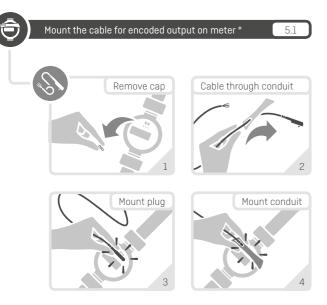








Info codes in the display				
Info code	Meaning			
LEAK	Possible leak			
BURST	Possible broken pipe			
TAMPER	Attempt of fraud			
DRY	Meter is missing water			
REVERSE	The water flows in reverse direction			
RADIO OFF*	The meter is still in transport mode			
■ (SQUARE 'DOT')	Flashing square means active meter			
* RF version only				

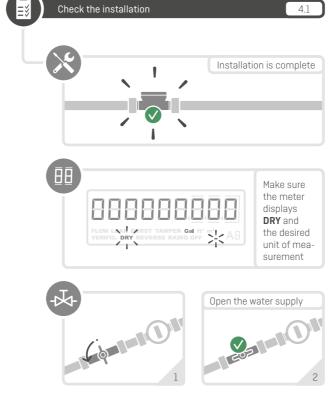


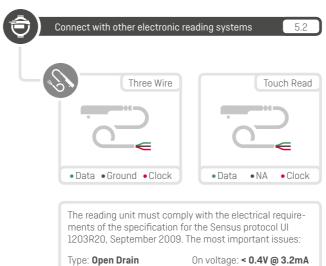
* NOTE:

Does not apply to meter type 03U**21**XXXXX

Dislodge conduit w/ screwdriver

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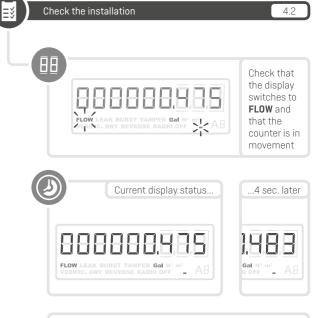




Type: **Open Drain** Max. input voltage: **15V** Max. current sink: **5mA**

On voltage: < 0.4V @ 3.2mA 5V OFF condition: R > 6MΩ hA

Compatibility table						
	Sensus	Neptune	ltron #1	Itron #2		
Data	Green	Red	Red	Brown		
Ground	Black	Green	White	Grey		
Power	Red	Black	Black	Yellow		



The first 8 hours the meter operates in Installation Mode. The display will update every 4 seconds during Installation Mode, permitting the installer to confirm that the meter is properly operating. Every time the meter becomes dry and subsequently rewetted, Installation Mode will re-initiate

