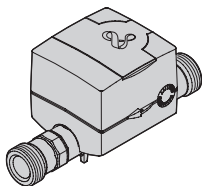
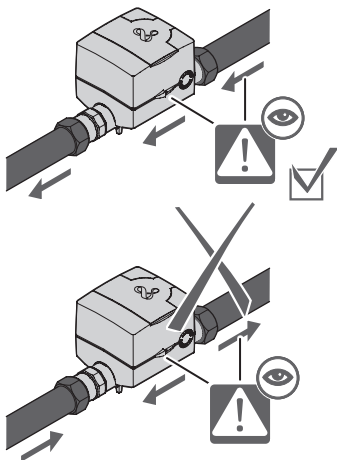
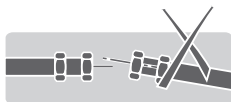
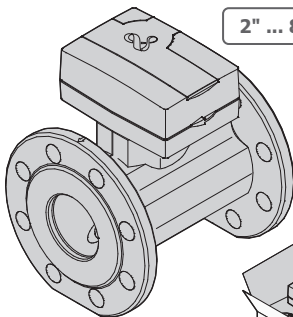
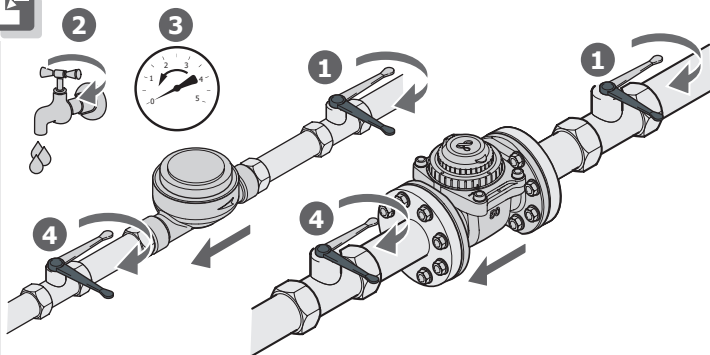
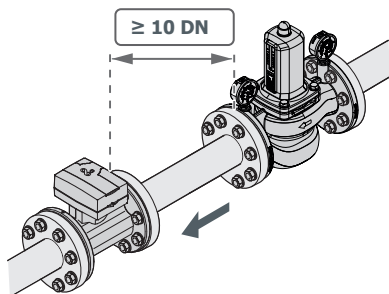
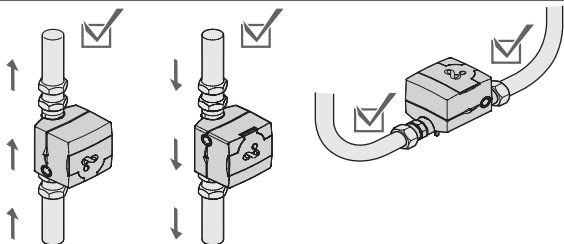


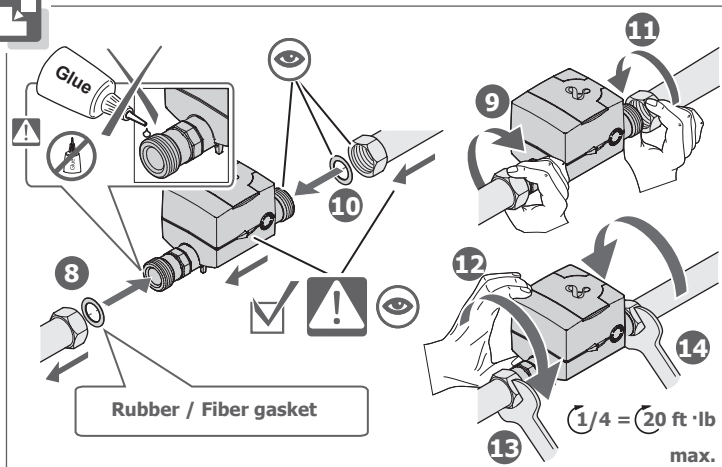
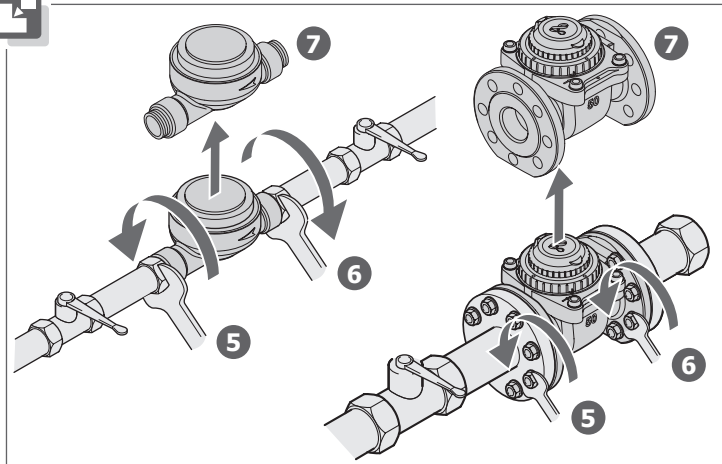
5/8"x1/2" ... 2"

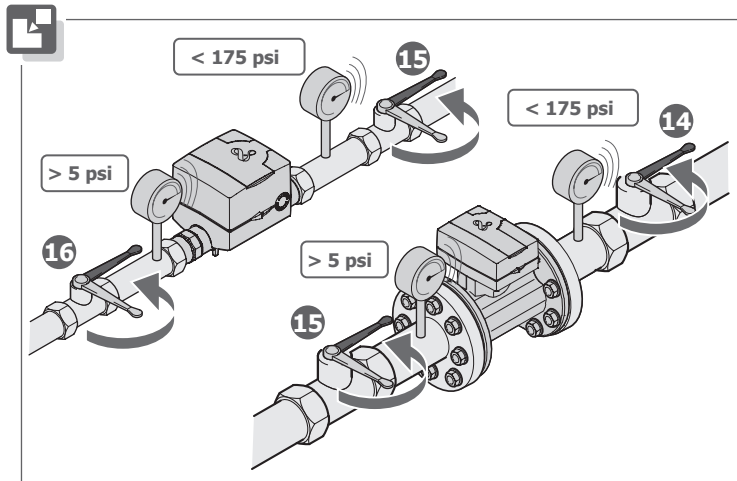
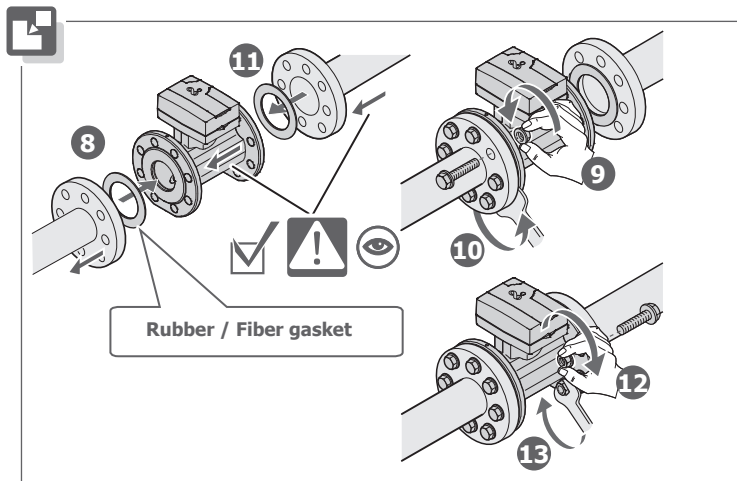


2" ... 8"



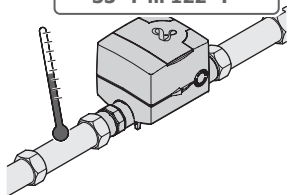




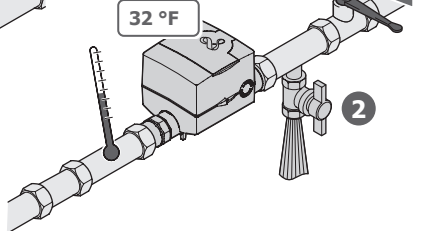




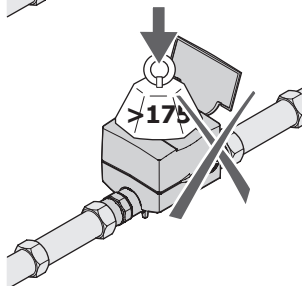
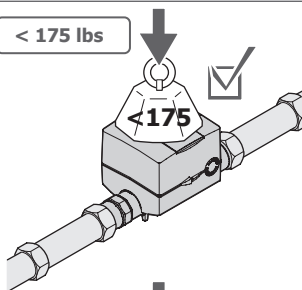
33 °F ... 122 °F



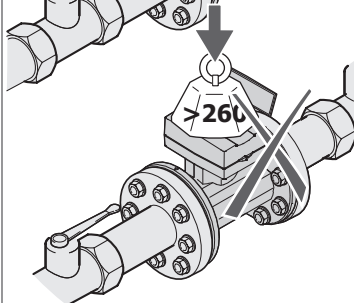
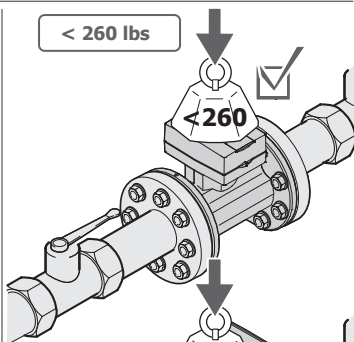
32 °F

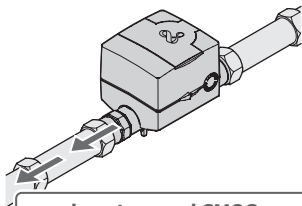


< 175 lbs

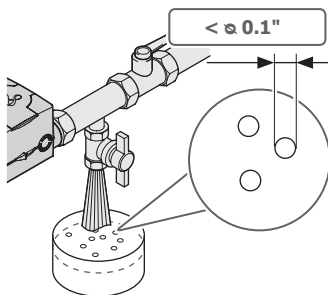
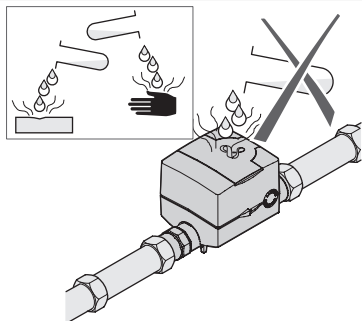


< 260 lbs





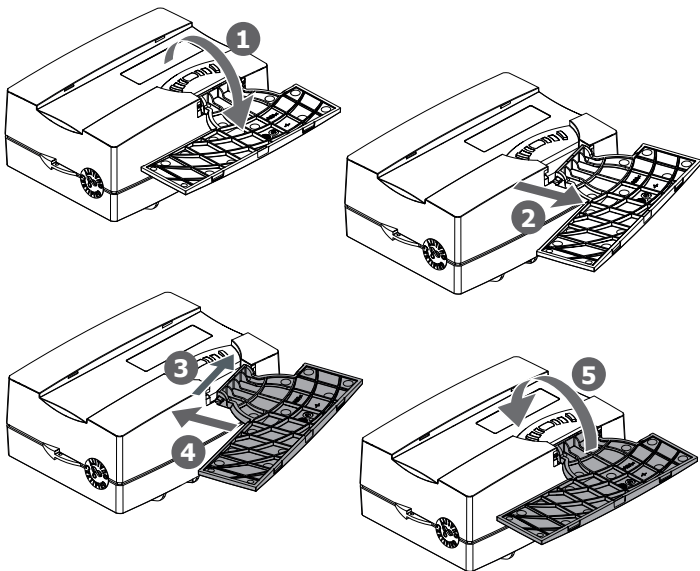
do not exceed SMOC





All our Hydrus Bulk products are UL/FM certified. If the operator would like to differentiate the commercial meters from the fire protection application meters, we have provided a "Red" color lid in the packaging.

Instructions to change the lid from Grey to Red for visual differentiation:



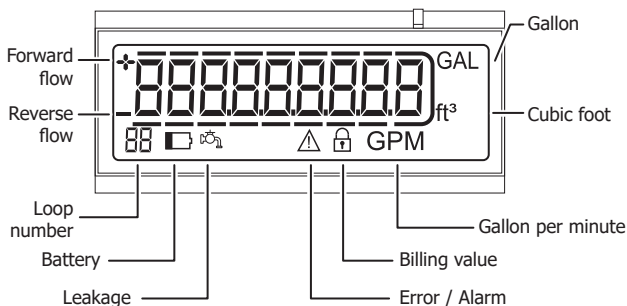
1. Open the cover to the horizontal position.
2. Pull one of the hinge pins horizontally out of the housing.
3. Insert one of the hinge pins into its seat.
4. Slide the other hinge pin horizontally into its seat until it is fully engaged.
5. Close the lid.

The data generated by the meter can be viewed in the display loop with system information (e.g. flow rate, volume, date, medium temperature). The loops are numbered from 01 to 09.

The optical button located on the front panel enables scrolling the display loops.

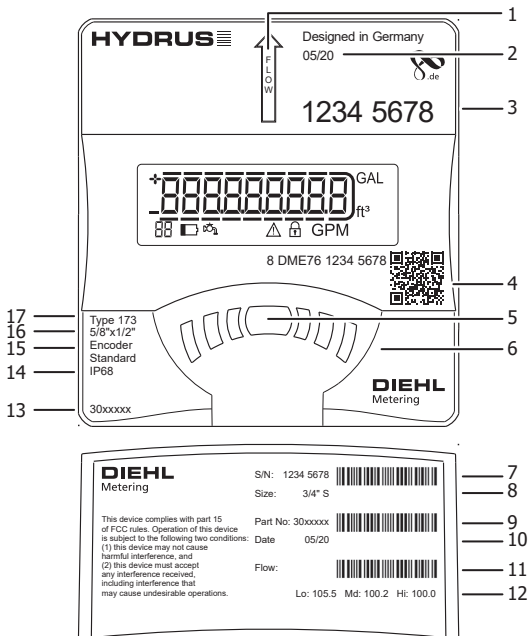
To save battery lifetime, the meter switches automatically to power save mode after 4 minutes of inactivity. The display is awakened again by pressing the optical button.

After awakening, the display shows first a screen check (i.e. all symbols in the display are briefly switched on and off) and then the total volume. This remains for at least 10 seconds on the display (also when the optical button is pressed). Afterwards the display loop can be switched with the help of the optical button.



Display loop (default)

88	Displaytest	03	Firmware version / Checksum
01	Total volume	04	Current flow
02	Battery lifetime	05	Error / Alarms

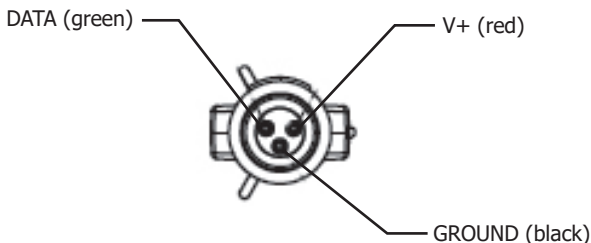


1	Flow direction	10	Month and year of production
2	Month and year of production	11	Low / Mi / High flow test results @ bar code
3	Meter serial number	12	Low / Mi / High flow test results
4	14 digit meter serial number @ QR code	13	Meter article number
5	Optical button	14	Protection class
6	Positioning assistance for opto head	15	Interface type
7	Meter serial number @ bar code	16	Meter body type
8	Meter body type	17	Meter type
9	Meter article number @ bar code		

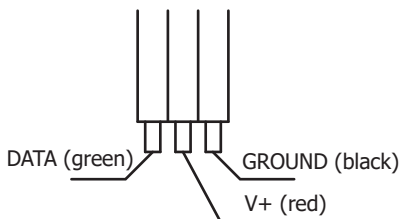
Encoder protocol

Encoder is the standard communication protocol for connecting a radio module, for example:

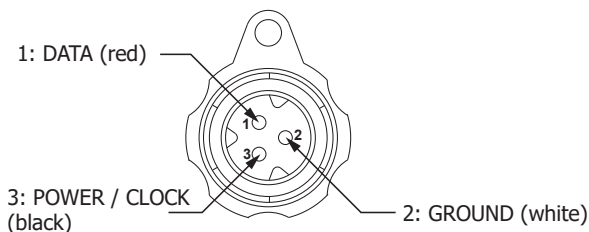
Pin assignment Nicor[®] connector



Pin assignment Bare wire



Pin assignment ITRON[®]



Certifications / NSF International

NSF International

789 N. Dixboro Road, Ann Arbor, MI 48105 USA

RECOGNIZES

Diehl Metering GmbH

Germany

AS COMPLYING WITH NSF/ANSI 61, 372 AND ALL APPLICABLE REQUIREMENTS.
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AUTHORIZED TO BEAR THE NSF MARK.



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April 13, 2015
Certificate# C0232233 - 01

David Purkiss
General Manager, Water Systems

Mat.-Nr. 3110693 • 4/8/2025

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