



Optical pulse sensor with return flow cognition for water meters with Modularis counter Qn 1,5-15 Protection class IP65(68), operating life > 12 years

Characteristics:

- High-quality sensors
- Protected from manipulations
- Long operating life
- Robust construction by means of sealed electronics
- Humidity protected
- Functional certainty by means of internal energy supply
- Universally applicable for every type of Modularis counter
- Return flow cognition



Technical data:

Parameter	Specification
Power supply	internaly
Operating life	>12 years
Kind of pulse output	S0
Parameter	12-27 VDC, 30 mA
Voltage insulation strength	30 V
Internal resistance	>200 Ohm
Pulse length	>45 ms
Maximum flow rate	30.000 litres/hour
Pulse valency	1 litre/pulse
Return flow cognition	Reverse counting up to 255 pulses
Working temperature	0 °C up to 60 °C
Storage temperature	-25 °C up to 60 °C
Connecting cable	LIYY 2x0,25mm ² grey
Length of cable	1 m at IP 65, 2 m at IP 68
Connection identification	brown – mass (-S0), white - open collector (+S0)
Protection class	IP 65 / IP 68
Standards	DIN 63864
EMV	EN 55011, EN 61326-1, EN 61123-1, EN 61000-4-20, EN 61000-4-3, EN 61000-4-4, EN 61000-4-6
Test sign	CE
Installation position	optional

Technical changes reserve