



SENSORS &
CONTROLLERS



ANALYZERS
& SAMPLERS



LEVEL, FLOW
& PRESSURE



WEB APP &
DATALOGGING



ACCESSORIES

S425/K/1 DATASHEET

ULTRASONIC LEVEL SENSOR



MAIN FEATURES

- No contact level measure
- Sturdy PP sensor body
- Instant installation

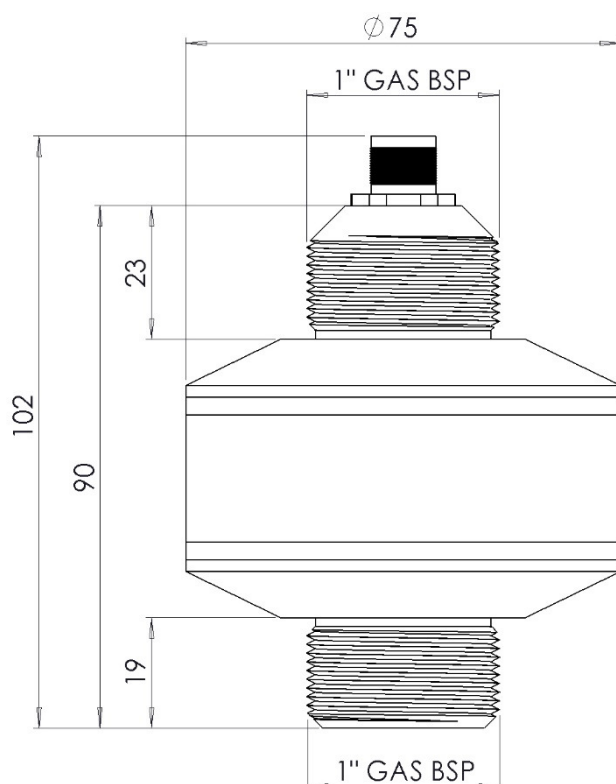
APPLICATIONS

Ultrasonic level measure, easily interfaced with data acquisition systems thanks to the modbus RTU RS485 standard protocol

TECHNICAL DATA

Materials	PP Body
Thread	1" GAS BSP
Visualization	Display on VLW90M / VLW60T module (optional)
Measure ranges	0.05 ÷ 1 m
Measure method	No contact
Accuracy	±0,2% (of the measured distance), anyway not better than ±1 mm
Resolution	1 mm
Temperature compensation	Digital in the operating range
Analogue output	4 ÷ 20 mA max 750 ohm
Signal interface	Standard RS485 Modbus RTU protocol
Operating Temperature	-25 ÷ 75 °C
Max operating Pressure	Da 0,5 a 1,5 bar (absolute)
Mechanical protection	IP68 (sensor + cable + connector)
Cable	5/10/15/20m connection cable with IP68 connector
Power supply	24 Vdc
Calibration	Via programming module VLW90M / VLW60T or via MODBUS RTU
Thermal stabilization	30 minutes typical
Power absorption	1,5 W

DIMENSIONS



ORDER CODES

6005001602	S425/K/I Ultrasonic level sensor 1m IP67 without cable
6005001632	S425/K/I Ultrasonic level sensor 1,5m IP67 10m cable rs485+Modbus
6005001652	S425/K/I Ultrasonic level sensor 1,5m IP67 20m cable rs485+Modbus