

Hydron Core Plastic 60°

Ref. 27ES000072

TECHNICAL SPECIFICATIONS

GENERAL		
Technology	ON-OFF bistable latch valve with infrared sensor and mechanical temperature selection	
Angle of the faucet body with the horizontal	60°	
Pre-adjusted detection distance (white card)	21±3cm	
Rated Impulse voltage	6 V DC	
Maximum power	≤4 W	
Standby power	≤0,2 mW	
Ingress Protection Rating	IP67	
Hydraulic connections	G1/2	
TEMPERATURE	MINIMUM	MAXIMUM
Recommended input water range	5 °C	65°C
Maximum inlet temperature	75 °C	
Minimum inlet temperature	>5 °C	
PRESSURE (Type 1 tapware)		
Dynamic pressure	MINIMUM	MAXIMUM
Limits of use	0,5 bar (0.05 MPa)	10 bar (1 MPa)
Recommended limits of operation	1 bar (0.1 MPa)	8 bar (0,8 MPa)
Recommended pressure	3 bar (0,3 MPa)	
Burst (closed valve)	>35 bar (3.5Mpa)	
FLOW RATE @ 3 bar	DN8, without aerator	
Mixed water	14,0 l/min	

DESCRIPTION



ON/OFF valve system with touchless sensor and temperature selection within the reach of the user. The technical solution is especially devised for a perfect integration inside the faucet's design. The infrared sensor activates the valve in response to the presence of user's hand, providing water saving and accessible operation (children, reduced mobility). Hygiene is preserved thanks to the touchless operation, which is ideal for faucets placed at public sites and private communities.

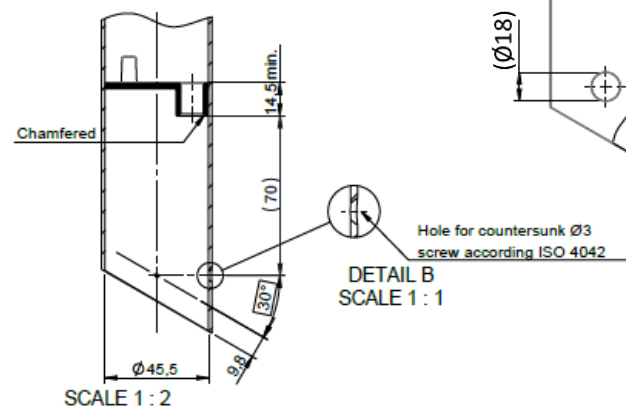
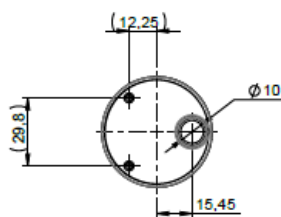
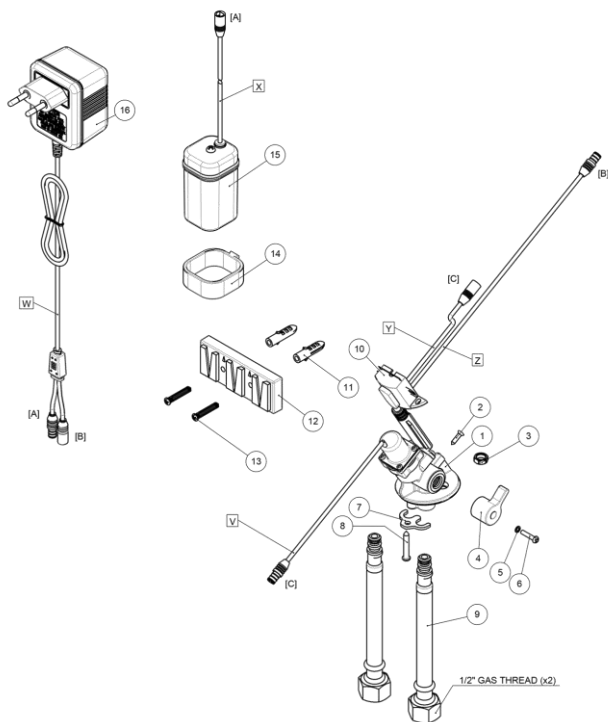
FEATURING

- Boxless solution: valve is integrated inside the faucet design
- Infrared presence sensor with adjustable detection range (factory preset)
- Temperature selection
- Bistable valve provides a long battery life
- Includes a LED light providing feedback to the user
- Water-saving function: valve is automatically closed after 60s of continuous detection
- Power cut-off protection: the valve is automatically closed if the power supply is accidentally cut
- Backflow protection: check valves at both inlets

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TECHNICAL PRESCRIPTION



POWER SUPPLY

- Hybrid solution:
 - Batteries
 - AC wall mounted power supply

