

Simply a question of
better measurement



SCHMIDT® Probe Ball Valve

Easy, quick mounting and dismounting of
SCHMIDT® flow sensors SS 20.261 and
SS 20.60(0) in pipe systems – without
pressure stop

Compressed air technology

Industrial processes

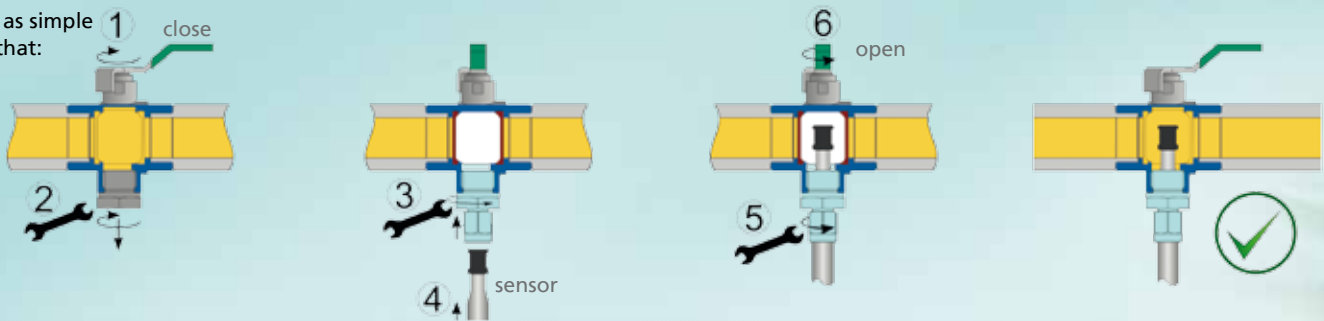


Ideal flow measurement in pipe systems

If you are planning compressed air networks, suitable measuring points for the flow measurement have to be fixed. The installation of measuring points afterwards is complex and expensive – more than ever, as the pressure must be switched off and by that the equipment “comes to a standstill”. The SCHMIDT® Probe Ball Valves are an ideal solution. They complete the SCHMIDT® Flow Sensors with chamber head technology (i.e. SS 20.261, 20.60[0]) and

can be installed in different positions in the compression air network. Thus the planning of measurement becomes very easy, flexible and cost-effective. The measuring points that will later be used for the measurement are depending on the connected users. The SCHMIDT® Probe Ball Valves are designed in a way so that the sensor can be quickly installed into the pipe and removed even in case of existing pressure.

It's as simple as that:



Technical data

Data			
Range of temperature	-20 ... +120 °C	Ball material	solidly chromed brass
Pressure resistance	PN 20/32/40 (ball valve)	Sealing material	PTFE
Pipe connection (probe ball valve)	1"; 1 ¼"; 1 ½"; 2" IG	Medium	air; non-aggressive gases
Connection sensor	inside thread G ½"	Weight:	
Material housing	brass nickel-plated	- Probe ball valve	500/900/1.250/1.800 g
		- Ball valve	300 g

For larger pipe diameters from DN 65 the use of a SCHMIDT® Ball Valve with welded socket is recommended. The SCHMIDT® Flow Sensor is inserted into the pipe through the ball valve.

Order information SCHMIDT® Probe Ball Valve and Ball Valve

Description	Article number
SCHMIDT® Probe Ball Valve 1" inside thread, PN 32 connection flow sensor: ½" inside thread, incl. plug and chain	530 940
SCHMIDT® Probe Ball Valve 1 ¼" inside thread, PN 20 connection flow sensor: ½" inside thread, incl. plug and chain	530 941
SCHMIDT® Probe Ball Valve 1 ½" inside thread, PN 20 connection flow sensor: ½" inside thread, incl. plug and chain	530 942
SCHMIDT® Probe Ball Valve 2" inside thread, PN 20 connection flow sensor: ½" inside thread, incl. plug and chain	530 943
SCHMIDT® Ball Valve, ¾" inside thread, PN 40 with thread adapter on ½" compression fitting	532 355
Welded socket steel, outside thread ¾", 5 pieces	531 200
Welded socket stainless steel, outside thread ¾", 2 pieces	531 201

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