

# Ball valves for instrumentation technology

## Directional ball valves for differential pressure transducers (TK5 - TK7)

### Technical information



Directional ball-valve for pressure differential measurement transducer with staple-lock connectors

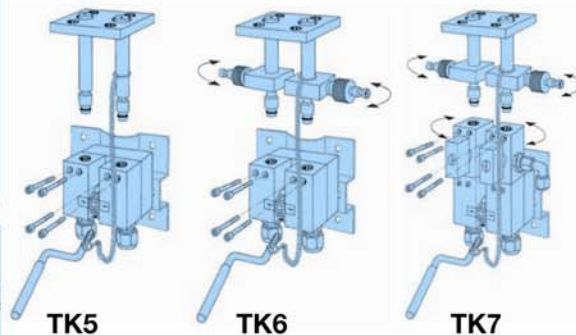


#### Modular design:

Directional ball valves with their modular system and staple-lock fittings offer great flexibility and trouble-free assembly. The advantages of these devices are tight seating, short actuation arcs, long service life and simple operation. All the ball valve switching functions - operational position, blocked position and zero-point test - are set with just a single operating lever.

Logical and clear schematic diagram symbols make it easy to identify the switching positions.

The TK5 basic unit comprises the divert unit and the connection flange to accept the measurement transducer. The TK6 features additional test connections and the TK7 has not only the test connections but additional blow-out ball valves.



#### Installation is completed

The pressure gauge is first attached to the connector flange with just four screws. Then this preassembled unit slips into the ball valve body. This staple-lock joint not only saves time but is a real boon in tight spaces.

The connection flange and test connection form a unit in the TK6 and TK7 versions. The test connections are swivel-mounted, simple to use and designed for easy access. The TK7 ball valve features in addition a swivel-mounted blowout line for each of the process pressure lines.

The sturdy bracket is used to mount the directional ball valve - either on a wall or on a pipe. This makes it possible to detach the gauge itself with the fitting remaining in the pipe circuit.

The valve unit is put in the "operational" position to prepare for cleaning; here the bores are aligned, giving clear passage all the way through the unit.