

# HIGH PRESSURE SUPPLY SYSTEM

## Sensors connection assembly

The **Sensors connection assembly** should be installed at the **Reducer-Changeover** system outlet where the **VSP** is normally placed if the latter is attached elsewhere. It therefore fulfils most regulation requirements and enables main shut-off and pressure reading.



*Sensors connection assembly*

### Performance

- Ball plug guarantees excellent seal tightness.
- Direct reading of network pressure.

### Composition

The **Sensors connection assembly** consists of a quarter turn valve, a pressure gauge, 3 sensors connection points and a bleed valve.

### Features

Main gases available: all gases.  
 Maximum operating pressure: 20 bar.  
 Port size: 10 mm.  
 Flow coefficient (KV): 32.  
 Max. flow at bleed port: 30 l/min.  
 Inlet connector: 1 ring coupling for 14 mm Ø copper tube.  
 Output nozzle: 1 ring coupling for 12 mm Ø copper tube.  
 Sensor connection points: 1/4" gas.  
 Weight: 1.4 kg.  
 Constituent material: body in brass.  
 Dimensions: 200 mm (H) x 140 mm (L) x 70 mm (W).

### Maintenance

Functional verification of all components once every year and after each commissioning.

### reference

Reference	Designation
<b>BS060000</b>	SENSORS CONNECTION ASSEMBLY 14 mm inlet, 12 mm output

### accessories

Reference	Designation
<b>CX090500</b>	Adapter 1/4" gas male / M10 x 100 female (x 5)
<b>AF003000</b>	Analogic pressure sensor 0-16 bar / M10 x 100 / 4-20 mA
<b>AF013000</b>	Analogic pressure sensor 0-16 bar / M10 x 100 / 4-20 mA (x 6)