

Single Station Gauge Isolator

1. DESCRIPTION

Long life and continuous indication accuracy can be achieved if gauges are only pressurised for the time it takes to read the pressure. For the rest of the time the gauge isolator isolates the pressure gauge and the gauge is automatically vented to the tank. This then protects the gauge from possible pressure surges from the system.

This is possible with the single station gauge isolator.

It can be operated in two ways:

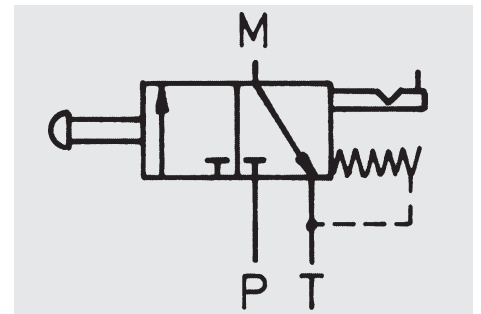
- A) push button:
the pressure is indicated as long as the button is depressed.
- B) push button and turn clockwise through 90°:
this locks the pressure indication until the button is released.



2. TECHNICAL SPECIFICATIONS

2.1. GENERAL

- 2.1.1 **Designation/Symbol**
Single Station Gauge Isolator



Note:

The tank line should not be connected to the tank manifold, but should be taken back as a separate drain line.

2.1.2 **Model code**
(order code)

MA 1 A 1 0 / V

Gauge isolator

Model 1
(push + turn button)

Connection
(A = threaded)

Type code

Modification number

Supplementary details

5 = NPT thread 1/4"

V = Viton Seals
(no code for standard – Perbunan)

12 = 1/2" – 20 UNF

14 = M 12 x 1.5 to ISO 6149 (SAE)

2.1.3 **Mounting method**

Panel mounting
(10 mm max.
panel thickness)

2.1.4 **Connections**

G 1/4" (for M, P, T)

2.1.5 **Weight**

Approx. 0.4 kg

2.1.6 **Mounting position**

Optional

2.1.7 **Hydraulic fluid**

Mineral oil

For use with special
fluids or applications,
please contact our
Sales/Technical Dept.

Oil purity class

NAS 1638-9

ISO DIS 4406-18/14

2.2. HYDRAULIC DATA

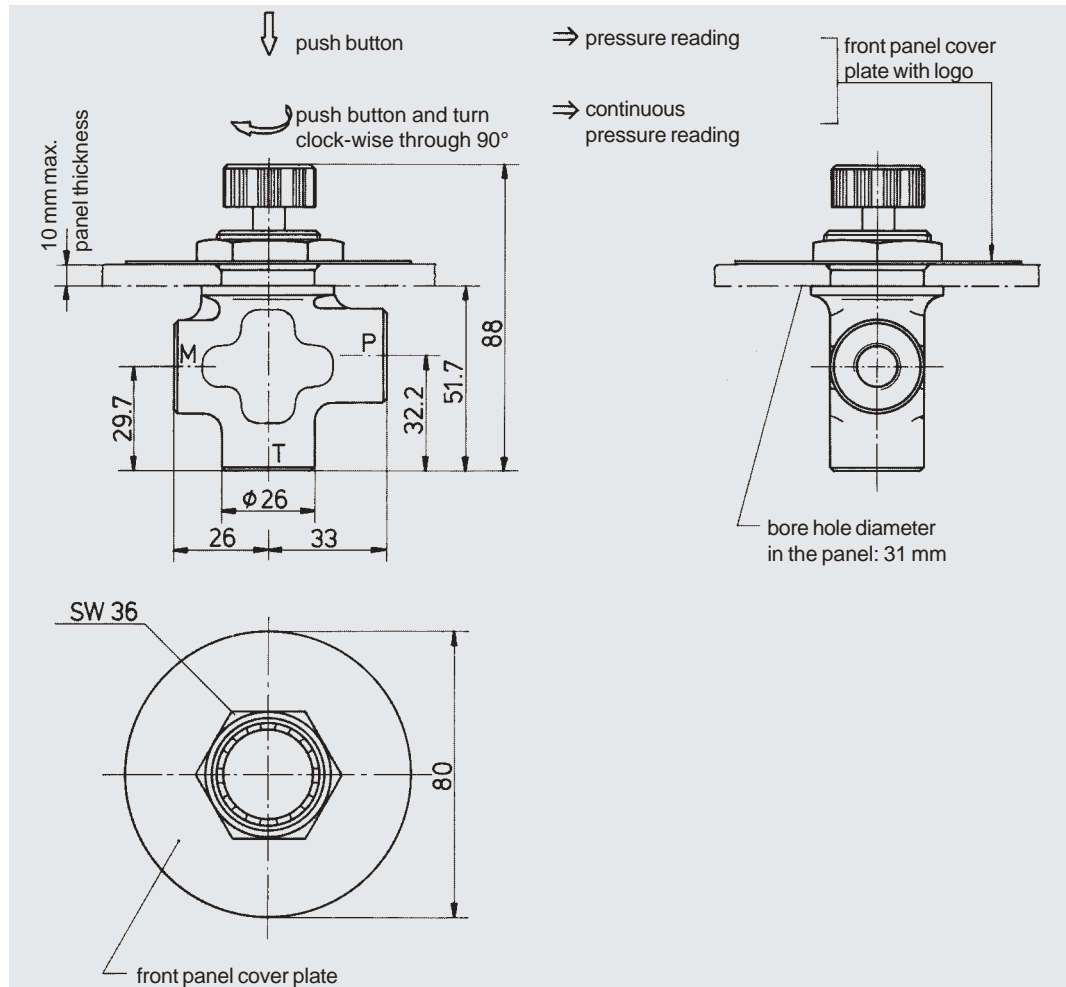
2.2.1 **Working pressure**

350 bar max.
(port T max. 10 bar)

2.2.2 **Temperature range
of hydraulic medium**

- 20 °C ... + 80 °C

3. **DIMENSIONS**



4. **NOTE**

The information in this brochure relates to the operating conditions and applications described. For applications or operating conditions not described, please contact the relevant technical department. Subject to technical modifications.