



## Single station gauge isolator MA

### 1. DESCRIPTION

Long life and continuous accuracy can be achieved if pressure 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 HYDAC Single Station Gauge Isolator.

It can be operated in two ways:

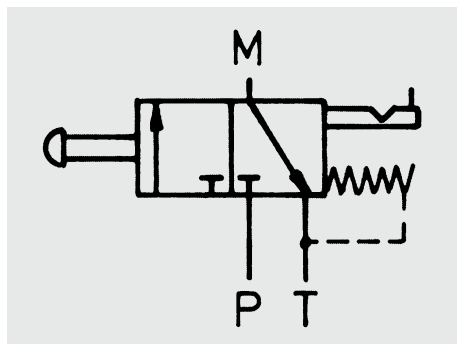
- A) Push button: the pressure is indicated as long as the button is depressed.
- B) Push button and turn clockwise through 90°:

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



#### 2.1.2 **Mounting method**

Panel mounting  
(max. 10 mm panel thickness)

#### 2.1.3 **Connections**

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

#### 2.1.4 **Weight**

Approx. 0.4 kg

#### 2.1.5 **Mounting position**

Optional

#### 2.1.6 **Operating fluid**

Mineral oil

Other fluids on request

Special models and surface treatments on request

Oil cleanliness class

NAS 1638-9

ISO DIS 4406-18/14

### 2.1.7 Model code (order example)

**MA 1 A 1 0 / V**

#### Single Station Gauge Isolator

##### Design

1 = push & turn button

##### Type of connection

A = threaded connection

##### Type code

##### Modification number

##### Supplementary details

5 NPT thread 1/4" V  
= Viton seals  
(no code for standard = Perbunan)

## 4. NOTE

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

The operator is always responsible for determining the product suitability for the specific application. Quantified values for product characteristics are average values for a new product that undergo a time deterioration process.

Subject to technical modifications and errors.

## 2.2. HYDRAULIC DATA

### 2.2.1 Operating pressure

max. 350 bar

(port T: max. 10 bar)

### 2.2.2 Temperature range of operating fluid

– 20 °C ... + 80 °C

## 3. DIMENSIONS

