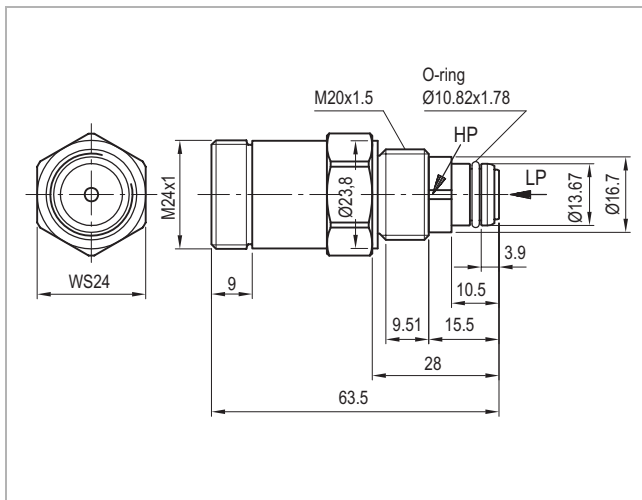


DELTA-P Screw-in parts

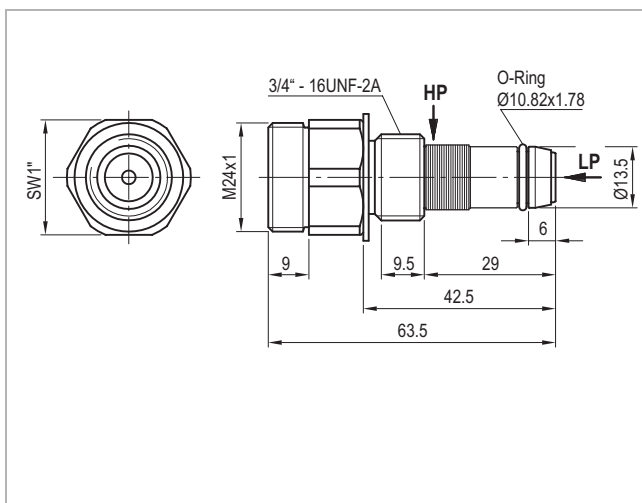
DELTA-P Screw-in parts



DELTA-P Screw-in parts



Dimensions in mm



Dimensions in mm

Application

In multi-compressor packs with refrigerant compressors, monitoring the lubrication system is particularly important because of varying pressure conditions. The differential pressure monitoring consists of two parts, the DELTA-P screw-in part and a separately available and necessary evaluation circuitry. The screw-in part registers the high and suction pressures and from that generates for the evaluation circuitry the information on whether the specified differential pressure has been exceeded or not. No further capillary connections are necessary for registering the two pressures. The screw-in part is screwed directly into the pump housing. The evaluation circuitry can be installed without interrupting the refrigeration circuit.

Functional description

The position of a moving piston changes according to the differential pressure in the screw-in part. This position is then evaluated by the connected electrical device.

Installation instructions

Mounting: The maximum torque of the screw-in unit is 75Nm and has to be ensured by a ring spanner or a socket key. After mounting, check the seal. Follow the rules when working on refrigeration systems!



The mounting, maintenance and operation are to be carried out by an electrician. The valid European and national standards for connecting electrical equipment and cooling installations have to be observed. Connected sensors and connection lines that extend from the terminal box have to feature at least a basic insulation.

Technical specifications

Permissible medium temperature	-30...+90°C
Differential pressure (fixed setting)	See order data
Operating pressure	30bar
Washer size R ₁ /R ₂ [mm]	See order data
Housing material	Brass
Washer material	Copper (Cu)
Connection thread	See order data
Weight	See order data

Order data

DELTA-P Screw-in part 3/4\"-16UNF-2A; 0.95bar Washer: 20x26 Cu Weight about 100g	02 D 444
DELTA-P Screw-in part 3/4\"-16UNF-2A; 0.65bar Washer: 20x26 Cu Weight about 100g	02 D 445
DELTA-P Screw-in part M20x1.5; 0.65bar Washer: 20x24 Cu Weight about 130g	02 D 555
DELTA-P Screw-in part M20x1.5; 0.65bar Washer: 20x26 Cu Weight about 130g	02 D 555 S21

Technische Änderungen vorbehalten