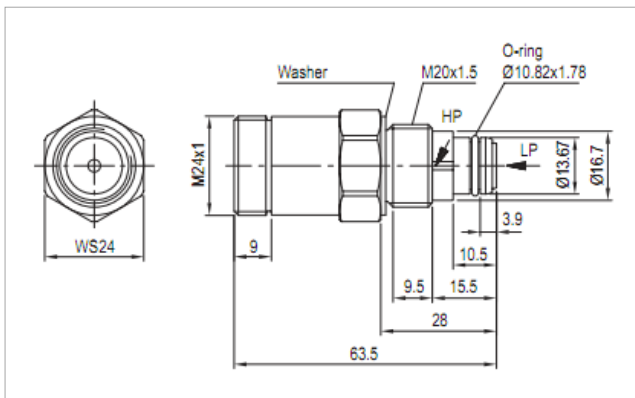


Oil Pressure Differential Switch

Screw-in part



Dimensions in mm

Application

Monitoring the lubrication system is especially important in refrigerant compressors.

GOLDAIR's differential pressure monitoring is a very reliable method for piston compressors.

It consists of two parts: the screw-in part and a separately available evaluation circuitry.

The screw-in part is screwed directly into the pump housing, and is connected via internal channels to the suction and high pressure of the oil pump. This eliminates external pipe lines and flare connections.

The screw-in part does not need to be disassembled when mounting or exchanging the evaluation circuitry. The refrigeration circuit remains closed.

Functional description

The difference between high pressure and suction pressure influences the position of a movable piston. This is registered by the mounted evaluation circuitry.

Installation instructions

Installation: The maximum torque of the screw-in part is 75 Nm and needs to be ensured by a ring spanner or a socket key. After installation, check for leaks.

Notice: Installation, maintenance and operation must be carried out by a specialist. The valid European and national standards for connecting refrigeration plants must be observed.

Technical specifications

Media temperature	-30...+90°C
Permissible relative humidity	10-95% RH without condensation
Max. operating pressure	60bar
Test pressure	90bar
Min. bursting pressure	300bar
Permissible media	Non-corrosive media which does not attack the material. A test is recommended for individual cases.
Housing material	Brass
Cut-in pressure(fixed)	0.95 bar± 0.15 bar
Cut-out pressure(fixed)	0.65 bar± 0.15 bar
Washer	20x24 Cu
Connecting thread	M20x1.5mm
Weight	About 150g
Order data	
Screw-in part	15G12 555 01