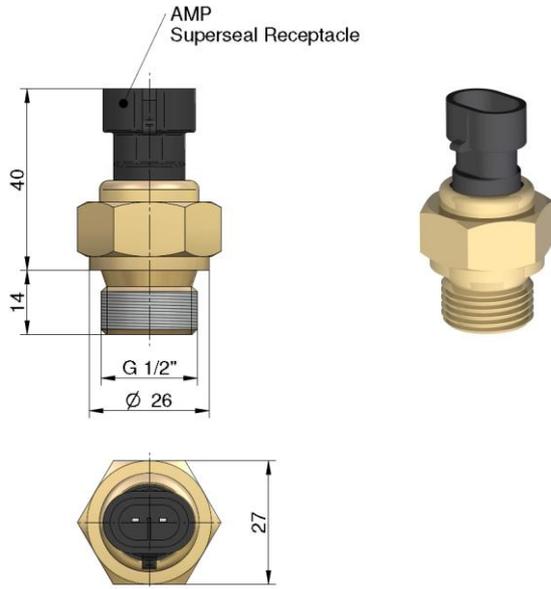


Temperature Sensor

for temperature control 12V/24V DC

The temperature sensor requires a control unit for the control system which is available in 12V (ILLZTC12-2K) and 24V (ILLZTC24-2K). The fan speed varies according to the actual oil temperature on the sensor. This reduces the noise level of the cooler system and increases the durability of the fan motor, because it is not running on the maximum speed all the time. The start up temperature of this system is 44°C and the maximum rotation of the fan is applied when the oil temperature reaches 55°C.



- NTC sensing
- IP 69K protection
- compact design

Technical Data

| order number | description | connection | protection | weight |
|--------------|-----------------------------|-------------------|------------|--------------|
| ILLZTT5069K | temperature sensor BSP 1/2" | AMP superseal 1.5 | IP 69K | [kg] 0,09 |

Characteristics

| | |
|---------------------------|-----------------------|
| screw part material | brass |
| mounting instructions | any mounting position |
| maximum tightening torque | 50Nm |

Measurement Output

| | |
|------------|-------------------|
| connection | AMP superseal 1.5 |
|------------|-------------------|

Ambient Conditions

| | |
|---------------------------|-----------------|
| oil temperature range | -20°C to +100°C |
| ambient temperature range | -20°C to +85°C |
| storage temperature range | -60°C to 110°C |

Required Accessories

| | |
|---------------------------------|-------------|
| temperature control unit 12V DC | ILLZTC12-2K |
| temperature control unit 24V DC | ILLZTC24-2K |

Combinations

| | |
|------------------------|-----------------------------------------------------|
| 12V and 24V DC coolers | LL 04, LL 06 / TT 07 - 25 rail / ASA 0177 - 0367 |
|------------------------|-----------------------------------------------------|