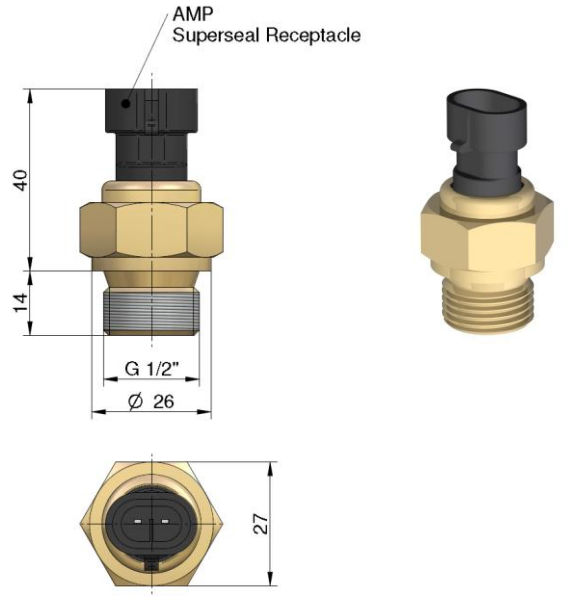
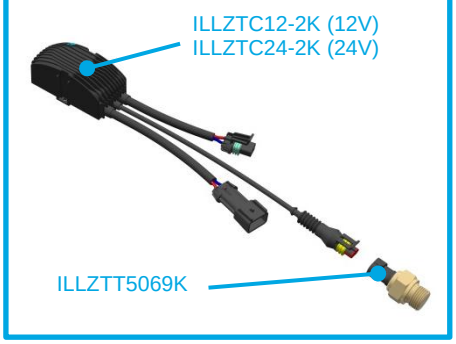
Temperature Sensor

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.



Temperature Control



- **NTC sensing**
- **IP 69K protection**
- **compact design**

Technical Data

order number	description	connection	protection	weight
				[kg]
ILLZTT5069K	temperature sensor BSP ½“	AMP superseal 1.5	IP 69K	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

This data sheet shows a technical overview of our products. Please contact us if more exact information is needed. As we are constantly improving our products, their characteristics, dimensions and weights may also change, although we do our best to incorporate these changes continually. The information in this data sheet is intended to be used as a first general guideline only. asa assumes no liability for any information therein, any errors, omissions, misprints, nor any direct or indirect damages, losses or costs resulting therefrom. The cooling performance and the general technical values indicated in this catalogue are measured at a test bench according to asa testing procedures. Because there is no standardized testing procedure, tests used by other manufacturers could have different results. Due to different conditions in testing and application environments the cooling performance may also vary by +/- 15%. Therefore we recommend all coolers to be checked under the system operating conditions. This is also true of vibrations and mechanical stress as well as for pressure peaks and thermal stress and any other relevant factors.

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