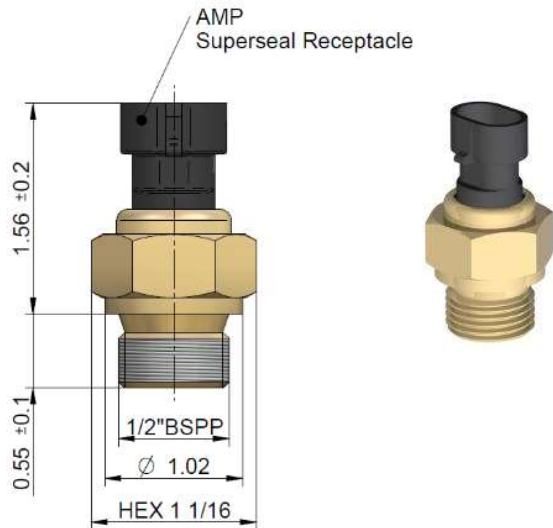


## temperature sensor

The temperature sensor requires a control unit for the control system which is available in 12V (ILLZTC12-2KU00) and 24V (ILLZTC24-2KU00). 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 111°F and the maximum rotation of the fan is applied when the oil temperature reaches 131°F.



- NTC sensing
- IP 69K protection
- compact design

## Technical Data

order number	description	connection	protection	weight
				[lbs]
ILLZTT5069KU00	temperature sensor ½" BSPP	AMP superseal 1.5	IP 69K	0.20

## Characteristics

screw part material	brass
mounting instructions	any mounting position
maximum tightening torque	36.8 lb <sub>f</sub> ft (50Nm)

## Measurement Output

connection	AMP superseal 1.5
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## Ambient Conditions

oil temperature range	-4°F to +212°F
ambient temperature range	-4°F to +185°F
storage temperature range	-76°F to 230°F

## Required Accessories

temperature control unit 12V DC	ILLZTC12-2KU00 (page 33)
temperature control unit 24V DC	ILLZTC24-2KU00 (page 33)

## Combinations

12V and 24V DC coolers	LL03, LL 04, LL 06, LL08 / TT 05 - 25 rail / ASA 0177 – 0367
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