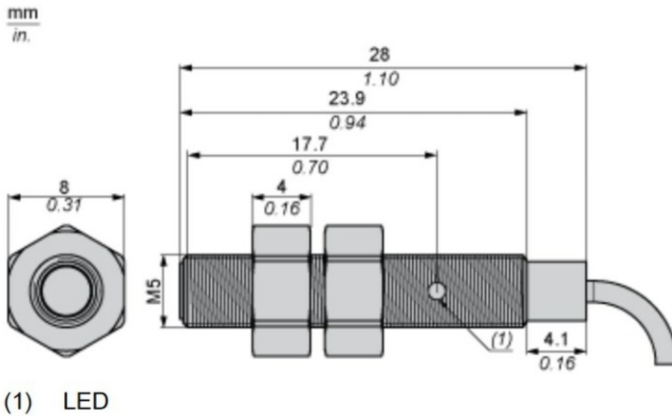


### Mechanical installation for Inductive sensor cod.105897

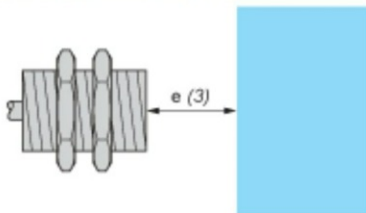
#### Dimensions:



**Fig.1**

#### Mechanical installation:

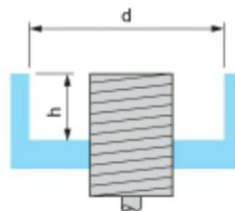
Facing a metal object



e (3) 3 mm/0.12 in.  
≥

**Fig.2**

Mounted in a metal support



d ≥ 5 mm/0.17 in.  
h ≥ 0 mm/0 in.

**Fig.3**

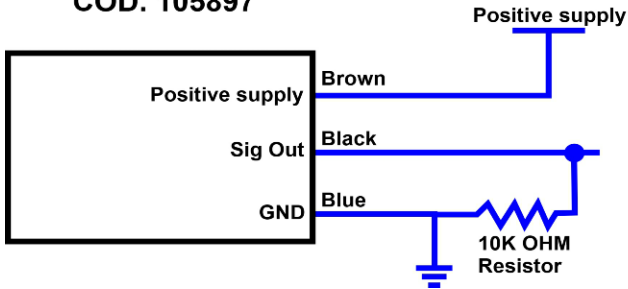
Tightening torque : 1.6 N.m. (values obtained with washers mounted)

**Electrical installation for Inductive sensor cod.105897**

**Electrical connections**

<i>BROWN wire</i>	<i>Positive supply</i>
<i>BLACK wire</i>	<i>Signal out</i>
<i>BLUE wire</i>	<i>Ground GND supply</i>

**Inductive Sensor  
COD. 105897**



**Technical specifications**

<i>Sensor type</i>	<i>Inductive proximity sensor</i>
<i>Sensor design</i>	<i>Cylindrical M5</i>
<i>Size</i>	<i>29 mm</i>
<i>Nominal sensing distance</i>	<i>1 mm</i>
<i>Power supply</i>	<i>5 ~ 30 VDC</i>
<i>Power consumption</i>	<i>10 mA</i>
<i>Operating temperature</i>	<i>-25 ~ +70 °C</i>
<i>Cable length</i>	<i>2 m</i>
<i>Maximum readable frequency</i>	<i>5 kHz</i>
<i>Discrete output type</i>	<i>PNP</i>
<i>IP degree of protection</i>	<i>IP67</i>
<i>Vibration resistance</i>	<i>25 gn amplitude=+/-2mm(f=10...55Hz)</i>
<i>Shock resistance</i>	<i>50 gn for 11 ms</i>
<i>Status led</i>	<i>1 yellow LED for output state (Fig.1)</i>

**Note:** If the status led blinks it means that the sensor is working