

Inductive Pickup

P/N 66.60.003-L

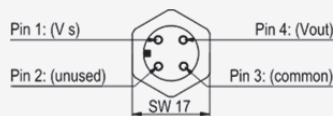
Dimensions

- Threads M12x1
- Length

P/N	L ₁ (pickup)	L ₂ (amplifier)	L ₃ (cable)
66.60.003-60	60 mm (2.36")	60 mm (2.36")	200 mm +20 mm (7.87" +0.79")
66.60.003-100	100 mm (3.94")	75 mm (2.95")	300 mm +20 mm (11.81" +0.79")
66.60.003-150	150 mm (5.91")	75 mm (2.95")	300 mm +20 mm (11.81" +0.79")

Connections

- Connector 4-pole (male)
Lumburg Micro Style, 12 mm (0.47")
Turck Eurofast Style



Triggering

- Possible trigger Teeth, screws, slots

Mechanical Data

- Material of case and nut 300 series stainless steel
- Protection class IP 67
- Operating temperature -25 °C to +125 °C (-13 °F to + 257 °F)
- Connector temp. limit +105 °C (221 °F)
- Shock 30 g, 11 ms
- Max. permissible vibration 55 Hz, 1.02 mm (0.04") amplitude all axis

Electrical Data

- Supply voltage 10 V DC to 30 V DC
- Supply current Max. 15 mA
- Over voltage Max. 40 V DC
- Reverse voltage Max. -40 V DC
- Output current limit 160 mA (Typ)
- Output configuration Open collector PNP with internal 30 kΩ
- Output polarity Normally open (N.O.)
- Output voltage (V_{out} high) ≥Vs-2.0 V DC at I_{out} = 100 mA
- Output leakage Max. 10 μA at Vs = 30 V DC
- Sensing distance 1.65 mm (0.065") nominal with 10 dP mild steel target
- Hysteresis Max. 0.38 mm (0.015")
- Switching frequency Max. 10 kHz

Application

- Application area Ignition

