



► Sensor with 2,5 m cable

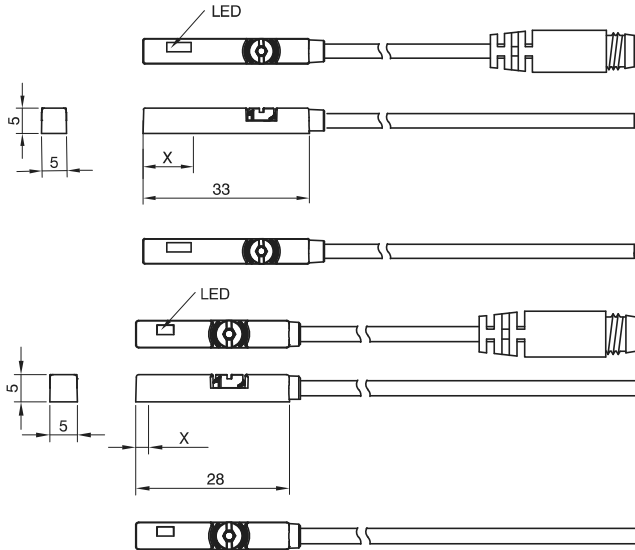


Weight g 27

Sensor with cable and M8 connector



Weight g 15



Ordering code

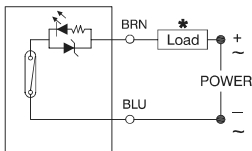
► Ampulla Reed sensors, with led, Universal, N.O. (Normally open)

			X=point of commutation
<b>1590.U</b>	(2 wires) cable 2.5 mt.		10 mm
<b>LRS.U</b>	(2 wires) cable 300 mm, M8 connector (use MC1 or MC2 connectors)		10 mm
<b>1590.UAP</b>	PNP (3 wires) cable 2.5 mt.		10 mm
<b>LRS.UAP</b>	PNP (3 wires) cable 300 mm, M8 connector (use MCH1 or MCH2 connectors)		10 mm

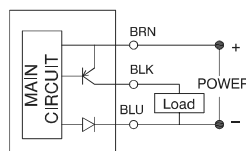
► Hall effect sensors, with led, DC, N.O. (Normally open)

			X=point of commutation
<b>1590.HAP</b>	PNP (3 wires) cable 2.5 mt.		2,3 mm
<b>LHS.P</b>	PNP (3 wires) cable 300 mm, M8 connector (use MCH1 or MCH2 connectors)		2,3 mm

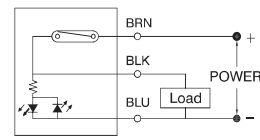
Diagrams and connections



with Reed bulb (2 wires)



Hall-PPNP effect (3 wires)



with Reed bulb (3 wires)

\* The load (LOAD) can be connected either to negative or positive pole

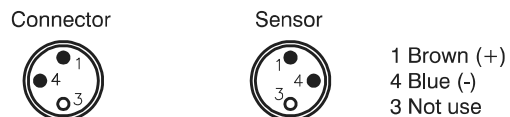
Technical characteristics	1590.U	LRS.U	1590.UAP	LRS.UAP	1590.HAP	LHS.P
Type of contact			N.O.			
Maximum current	100mA		500mA		200mA	
Maximum permanent power	14 VA - 10 W		14 VA - 10 W		6 W	
Voltage range	5 - 30V DC/AC		10 - 30 V DC/AC		10 - 30 V DC	
Working temperature			-10°C - +70°C			
Maximum voltage drop	3 V		0V **		1.5 V	
Cable section (mm <sup>2</sup> )	2 x 0.14 Ø3 mm PUR				3 x 0.14 Ø3 mm PUR	
Degree of protection			IP 67			

\*\* Even if one sensor generates a voltage drop very close to 0 Volts, we suggest to connect no more than 30 sensors in series.

Cable ordering code

- MC1** cable 2 wires l=2.5m with M8 connector
- MC2** cable 2 wires l=5m with M8 connector
- MC3** cable 2 wires l=10m with M8 connector

Connection 2 wires



- MCH1** cable 3 wires l=2.5m with M8 connector
- MCH2** cable 3 wires l=5m with M8 connector

Connection 3 wires

