Installation Instructions
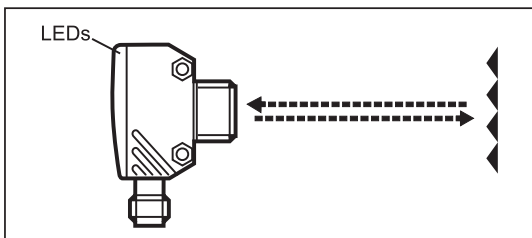# GXP-xx-xx

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Polarized retro-reflective sensor

1 Functions and features

In conjunction with a prismatic reflector or reflective tape the polarized retro-reflective sensor detects objects and materials without contact and indicates their presence by a switching signal.

For the range see the type label.

2 Installation

► Fit the prismatic reflector or the reflective tape behind the object to be detected. Align the polarized retro-reflective sensor to it and and secure it to a bracket.
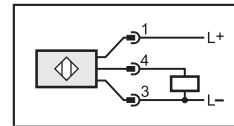
> Maximum range only with accurate alignment.
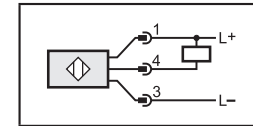
3 Electrical connection

⚠ ► Disconnect power.
► Connect the unit as follows.

PNP

Pin 1 - Brown = L+ (10...30 V DC)
Pin 3 - Blue = L-
Pin 4 - Black = load (PNP, 200 mA max)
(Pin 2 - White = not connected)

NPN

Pin 1 - Brown = L+ (10...30 V DC)
Pin 3 - Blue = L-
Pin 4 - Black = load (NPN, 200 mA max)
(Pin 2 - White = not connected)

4 Operation

Check whether the sensor operates correctly.

• The yellow LED is lit when the switching output is switched.
• The green LED is lit when the sensor is ready for operation.

5 Maintenance

► Keep the lens of the sensor free from soiling.

► For cleaning do not use any solvents or cleaning agents which could damage the plastic material (PMMA - Polymethyl methacrylate, LCP - Liquid Crystal Polymer, PEI - Polyether imide).