# Inductive proximity switch
# IKL 015.38 G S4

- Plastic housing M30 x 1,5
- Rated operating distance ($S_n$) 15 mm
- PNP normally open + normally closed
- Plug S4 (M12x1 A)
- IP 68



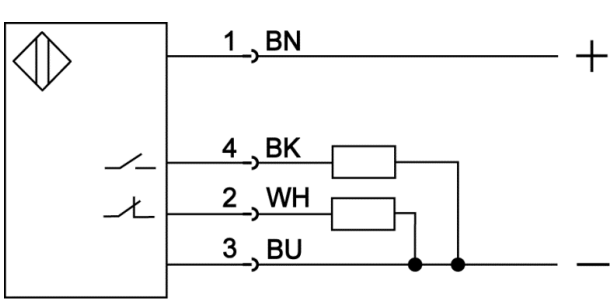
## Product Characteristics

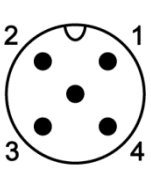
| **Type** | **IKL 015.38 G S4** |
|---|---|
| **Connection** | **Art.-No.** |
| Plug S4 (M12x1 A) | 2319E |
| Application | Non-contact detection of metallic objects |

## Technical Data

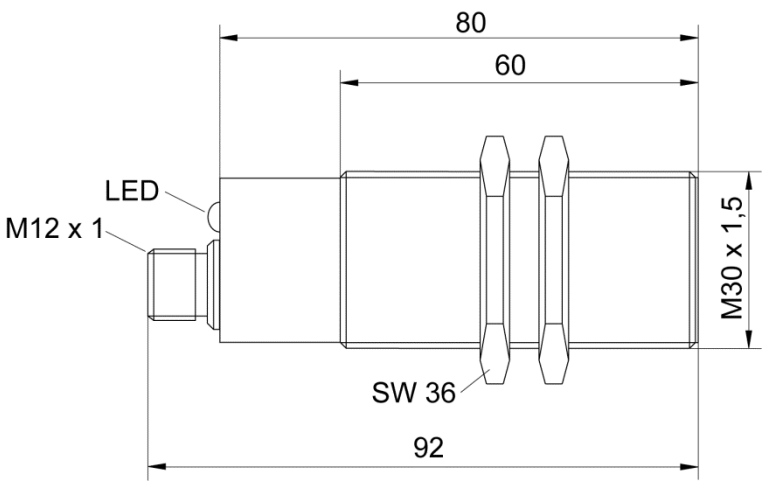
| | |
|---|---|
| Rated operating distance ($S_n$) | 15 mm |
| Target steel St37, 1 mm thick | 45 x 45 mm |
| Operating distance adjustable | no |
| Switching hysteresis (H) | 1 - 15 % |
| Location at metal | non flush |
| Supply voltage ($U_B$) | 10 - 55 V DC |
| Ripple voltage | max. 15 % |
| Output | PNP normally open + normally closed |
| Continuous current | 0 - 400 mA |
| Short-circuit protection | yes, pulsing |
| No-load current ($I_0$) | < 10 mA |
| Voltage drop ($U_d$) | < 2 V |
| Operating frequency (f) | 200 Hz |
| Ambient temperature | -25 ... +80 °C |
| Protection class | IP 68 |
| Housing material | plastic |
| Functional display | LED |

## Connection



## Dimension (mm)




## Accessories (in scope of supply)

| | Type | Art.-No. |
|---|---|---|
| Plastic nut M30 x 1,5 (2 pieces) | HL 1 | 9848A |

## Accessories (**not** in scope of supply)

| | Type | Art.-No. |
|---|---|---|
| M30 Mounting clamp with ball joint | HM 5 | 9816E |
| Female plug S4 (M12 x 1 A), straight, can be assembled, 4 wire | ST040G | 9842D |
| Female plug S4 (M12 x 1 A), angular, can be assembled, 4 wire | ST040 | 9841A |
| Connection cable 2 m, 4 wire, with straight female plug S4 (M12 x 1 A) | ST043/4-2 | 9851I |
| Connection cable 5 m, 4 wire, with straight female plug S4 (M12 x 1 A) | ST043/4-5 | 9841T |
| Connection cable 10 m, 4 wire, with straight female plug S4 (M12 x 1 A) | ST043/4-10 | 9850J |
| Connection cable 2 m, 4 wire, with angular female plug S4 (M12 x 1 A) | ST041/4-2 | 9841D |
| Connection cable 5 m, 4 wire, with angular female plug S4 (M12 x 1 A) | ST041/4-5 | 9841E |
| Connection cable 10 m, 4 wire, with angular female plug S4 (M12 x 1 A) | ST041/4-10 | 9841S |

## Further information

| | Document |
|---|---|
| Operating manual | BDA_IK_D_E |