

- Sensor surface 400 x 86 mm
- Rated operating distance ( $S_n$ ) 80 mm
- PNP normally open + normally closed
- Plug S4 (M12x1 A)



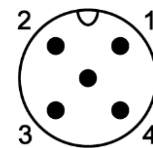
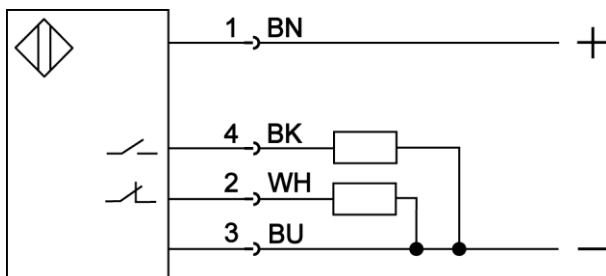
### Product Characteristics

|                   |   |
|-------------------|---|
| Type              | IKU 341.38 G S4                           |
| Connection        | Art.-No.                                  |
| Plug S4 (M12x1 A) | 2192J                                     |
| Application       | Non-contact detection of metallic objects |

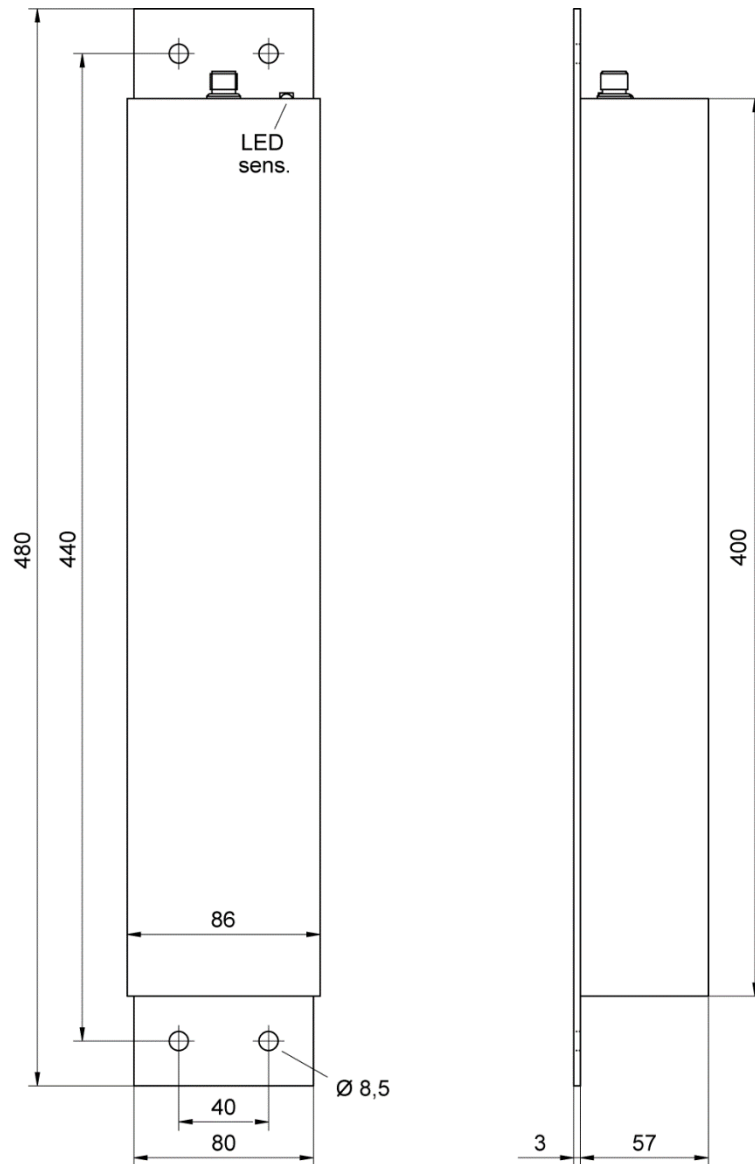
### Technical Data

|                                    |                                     |
|------------------------------------|-------------------------------------|
| Rated operating distance ( $S_n$ ) | 80 mm                               |
| Target steel St37, 1 mm thick      | 400 x 100 mm                        |
| Operating distance adjustable      | yes                                 |
| 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)            | 10 Hz                               |
| Ambient temperature                | -25 ... +70 °C                      |
| Protection class                   | IP 65                               |
| Housing material                   | plastic / aluminum                  |
| Functional display                 | Duo LED red / green                 |

### Connection



**Dimension (mm)**



**Accessories** (in scope of supply)

|   | Type | Art.-No. |
|---|------|----------|
| - | -    | -        |

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

|   | Type       | Art.-No. |
|---|------------|----------|
| Rubber / Metal Buffer   | MS 84      | 9804A    |
| 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   |
|--------|------------|
| Manual | BDA_IK_D_E |