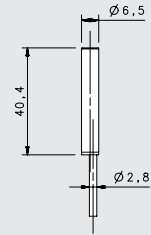
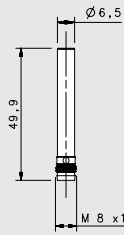


# STAINLESS STEEL M6,5



## SHORT STAINLESS STEEL

FLUSH

M8 conn

cable

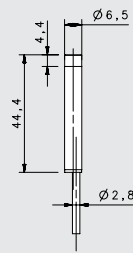
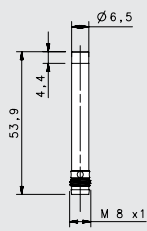
1,5 mm

1,5 mm

### NOMINAL SWITCHING DISTANCE

|                 |                   |          |           | M8 conn<br>1,5 mm        | cable<br>1,5 mm          |
|-----------------|-------------------|----------|-----------|--------------------------|--------------------------|
| 10-30 Vdc       | PNP/NPN<br>NO-NC  | 4 wires  | order No. | ---                      | ---                      |
| 10-30 Vdc       | PNP<br>NO         | 3 wires  | order No. | IS-65-M1-S1<br>95B066080 | IS-65-M1-03<br>95B064760 |
| 10-30 Vdc       | PNP<br>NC         | 3 wires  | order No. | IS-65-M2-S1<br>95B066120 | IS-65-M2-03<br>95B064800 |
| 10-30 Vdc       | NPN<br>NO         | 3 wires  | order No. | IS-65-M3-S1<br>95B066000 | IS-65-M3-03<br>95B064680 |
| 10-30 Vdc       | NPN<br>NC         | 3 wires  | order No. | IS-65-M4-S1<br>95B066040 | IS-65-M4-03<br>95B064720 |
| 10-30 Vdc       | PNP<br>NO-NC      | 4 wires  | order No. | ---                      | ---                      |
| 10-30 Vdc       | NPN<br>NO-NC      | 4 wires  | order No. | ---                      | ---                      |
| 10-30 Vdc       | NO-NC             | 2 wires  | order No. | ---                      | ---                      |
| 20-250 Vac/Vdc  | NO                | 2 wires  | order No. | ---                      | ---                      |
| 20-250 Vac/Vdc  | NC                | 2 wires  | order No. | ---                      | ---                      |
| 20-250 Vac      | NO                | 2/3wires | order No. | ---                      | ---                      |
| 10-30 Vdc       | Analog<br>0-20 mA | 3 wires  | order No. | ---                      | ---                      |
| NAMUR amplifier | NAMUR             | 2 wires  | order No. | ---                      | ---                      |

|                           |  |  |
|---------------------------|--|--|
| Nominal Voltage           | 10-30 Vdc (-15/10%)                          | 10-30 Vdc (-15/10%)                          |
| Residual Ripple           | < 10%  | < 10%  |
| Hysteresis                | < 10%  | < 10%  |
| Max. Output Current       | 200 mA                                       | 200 mA                                       |
| Min. Output Current       | ---  | ---  |
| Residual Current          | < 10 mA                                      | < 10 mA                                      |
| Voltage Drop              | < 1,2 V (I=100mA)                            | < 1,2 V (I=100mA)                            |
| Operation Led             | Yellow                                       | Yellow                                       |
| Switching Frequency       | 1000 Hz                                      | 1000 Hz                                      |
| Start Up Delay            | < 50 ms                                      | < 50 ms                                      |
| Repeatability             | < 3%   | < 3%   |
| Short Circuit Protection  | Present (self-resetting)                     | Present (self-resetting)                     |
| Electric Protection       | Against polarity reversal<br>inductive loads | Against polarity reversal<br>inductive loads |
| Temperature Limit         | (-25 ... +70 °C)                             | (-25 ... +70 °C)                             |
| Protection Degree         | IP69K  | IP69K  |
| Cable Length              | ---  | ---  |
| Cable Section             | ---  | 3x 0,14 mm <sup>2</sup>                      |
| Housing Material          | Stainless-Steel                              | Stainless-Steel                              |
| Weight - Cable Output     | ---  | 80 g   |
| Weight - Connector Output | 40 g   | ---  |

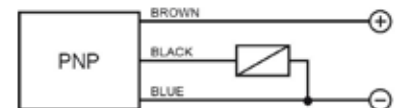
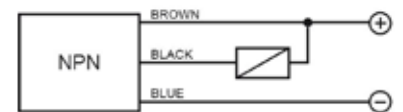


## SHORT STAINLESS STEEL

NON FLUSH

| M8 conn                                   | 2 mm                                      | cable                                     | 2 mm                                      |
|---|---|---|---|
| ---                                       | ---                                       | ---                                       | ---                                       |
| ---                                       | ---                                       | ---                                       | ---                                       |
| IS-65-N1-S1                               | 95B066240                                 | IS-65-N1-O3                               | 95B064920                                 |
| IS-65-N2-S1                               | 95B066280                                 | IS-65-N2-O3                               | 95B064960                                 |
| IS-65-N3-S1                               | 95B066160                                 | IS-65-N3-O3                               | 95B064840                                 |
| IS-65-N4-S1                               | 95B066200                                 | IS-65-N4-O3                               | 95B064880                                 |
| ---                                       | ---                                       | ---                                       | ---                                       |
| ---                                       | ---                                       | ---                                       | ---                                       |
| ---                                       | ---                                       | ---                                       | ---                                       |
| ---                                       | ---                                       | ---                                       | ---                                       |
| ---                                       | ---                                       | ---                                       | ---                                       |
| ---                                       | ---                                       | ---                                       | ---                                       |
| ---                                       | ---                                       | ---                                       | ---                                       |
| ---                                       | ---                                       | ---                                       | ---                                       |
| ---                                       | ---                                       | ---                                       | ---                                       |
| ---                                       | ---                                       | ---                                       | ---                                       |
| ---                                       | ---                                       | ---                                       | ---                                       |
| ---                                       | ---                                       | ---                                       | ---                                       |
| ---                                       | ---                                       | ---                                       | ---                                       |
| ---                                       | ---                                       | ---                                       | ---                                       |
| ---                                       | ---                                       | ---                                       | ---                                       |
| ---                                       | ---                                       | ---                                       | ---                                       |
| ---                                       | ---                                       | ---                                       | ---                                       |
| ---                                       | ---                                       | ---                                       | ---                                       |
| ---                                       | ---                                       | ---                                       | ---                                       |
| 10-30 Vdc (-15/10%)                       | < 10%                                     | 10-30 Vdc (-15/10%)                       | < 10%                                     |
| < 10%                                     | < 10%                                     | < 10%                                     | < 10%                                     |
| 200 mA                                    | ---                                       | 200 mA                                    | ---                                       |
| < 10 mA                                   | < 10 mA                                   | < 10 mA                                   | < 10 mA                                   |
| < 1,2 V (I=100mA)                         | Yellow                                    | < 1,2 V (I=100mA)                         | Yellow                                    |
| 1000 Hz                                   | < 50 ms                                   | 1000 Hz                                   | < 50 ms                                   |
| < 3%                                      | Present (self-resetting)                  | < 3%                                      | Present (self-resetting)                  |
| Against polarity reversal inductive loads | Against polarity reversal inductive loads | Against polarity reversal inductive loads | Against polarity reversal inductive loads |
| (-25 ... +70 °C)                          | IP69K                                     | (-25 ... +70 °C)                          | IP69K                                     |
| ---                                       | ---                                       | ---                                       | ---                                       |
| ---                                       | ---                                       | ---                                       | 3x 0,14 mm <sup>2</sup>                   |
| Stainless-Steel                           | ---                                       | Stainless-Steel                           | 80 g                                      |
| ---                                       | ---                                       | ---                                       | ---                                       |
| 40 g                                      | ---                                       | ---                                       | ---                                       |

3 wires PNP or NPN



M8 3 pole



| Available | Contacts numbers |   |       |
|-----------|------------------|---|-------|
|           | 1                | 3 | 4     |
| BROWN     | +                | - | NO/NC |
| BLUE      | -                | + | NO/NC |
| BLACK     | NO/NC            | + | -     |