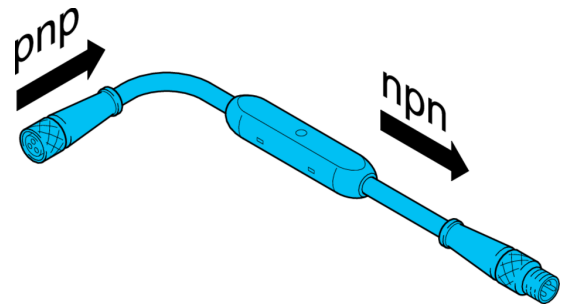




**202851**  
**TKHM-Z/TSM-Z/U**  
**Function adapters**

- Suitable for all standard sensors
- Compact design
- Can be retrofitted quickly and easily
- High temperature use range
- LED display for status and switching output



1) Potentiometer (only ...TSM-Z/T)  
 2) LED STATUS  
 3) LED SWITCHING OUTPUT

4 BK  
 BU 3

1 BN

Kupplung  
 Coupling  
 M8

4 BK  
 BN 1

3 BU

Stecker  
 Connector  
 M8

BK: black      BN: brown      BU: blue

| Function |  |  |  |  |  |  |  |  |  |
|----------|--|--|--|--|--|--|--|--|--|
|          |  |  |  |  |  |  |  |  |  |

| Technical data (typ.)                | +20°C, 24 V DC                           |
|--------------------------------------|--|
| Current-carrying capacity            | 200 mA, short-circuit-proof              |
| Service voltage                      | 10 ... 35 V DC                           |
| No-load current (max.)               | 20 mA                                    |
| Thread                               | M8 x 1                                   |
| Housing material                     | Plastic                                  |
| Protection class                     | III, operation on protective low voltage |
| Evaluation                           | pnp -> npn converter                     |
| Application                          | Digital signal                           |
| Function selection                   | pnp                                      |
| Switching output                     | npn                                      |
| Switching frequency                  | 5000 Hz                                  |
| Ambient temperature during operation | -20 ... +70 °C                           |
| Protection type                      | IP 67                                    |
| Connection                           | Pigtail, Coupling, M8, 3-pin             |
| Connection 2                         | Pigtail, Connector, M8, 3-pin            |

**More information / accessories**      <https://www.di-soric.com/202851>