

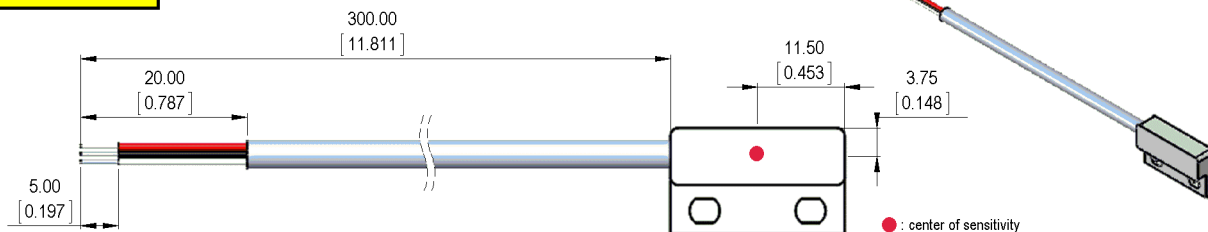


# THE DATASHEET OF MH04-11S-300W

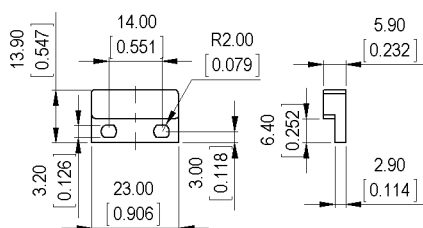


**Dimensions mm[inch]**  
tolerances acc. to DIN ISO 2768-m  
Toleranzen gem. DIN ISO 2768-m

**Isometric**  
Scale 1:2  
Maßstab 1:2



### Housing



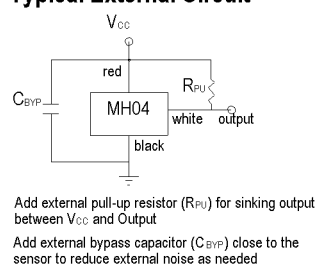
### Cable

round cable UL/CSA LIYY AWG 26, grey  
color of wires: red, black, white

### Terminals/Connector

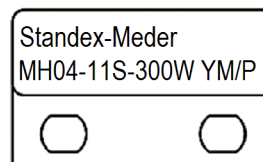
Ends tinned  
red: V<sub>CC</sub>  
black: Ground  
white: Output

### Typical External Circuit



### Marking

according to EN60062/factory code  
gem. EN60062/Fertigungsstätte



| Magnetic properties | Conditions        | Min      | Typ | Max | Unit  |
|---------------------|-------------------|----------|-----|-----|-------|
| Hall Type           |                   | Switch   |     |     |       |
| Operation           |                   | Unipolar |     |     |       |
| Output On           | T=25C and VDD=12V |          | 35  |     | Gauss |
| Output Off          | T=25C and VDD=12V |          | 25  |     | Gauss |
| Hysteresis          | T=25C and VDD=12V |          | 10  |     | Gauss |

| Technical data              | Conditions | Min | Typ | Max | Unit |
|-----------------------------|------------|-----|-----|-----|------|
| Supply voltage              |            | 3   |     | 24  | VDC  |
| Supply current              |            |     |     | 4   | mA   |
| Operating temperature range |            | -40 |     | 85  | °C   |
| Storage temperature         |            | -60 |     | 105 | °C   |

| Cable specification              | Conditions | Min               | Typ | Max | Unit |
|----------------------------------|------------|-------------------|-----|-----|------|
| Cable type                       |            | round cable       |     |     |      |
| Strand number                    |            | 3                 |     |     |      |
| Structure of strands             |            | AWG 26 7x0,16     |     |     |      |
| Insulation single strands        |            | PVC               |     |     |      |
| Strands color                    |            | red, black, white |     |     |      |
| Insulation cable sheath          |            | PVC               |     |     |      |
| Sheath color                     | DIN 47100  | grey              |     |     |      |
| Outer diameter of a cable jacket |            |                   | 3.8 |     | mm   |

| General data      | Conditions                         | Min                                                  | Typ | Max | Unit |
|-------------------|------------------------------------|------------------------------------------------------|-----|-----|------|
| Tightening torque | Screw M3 ISO 1207<br>Disk ISO 7089 |                                                      |     | 0.5 | Nm   |
| Mounting advice   |                                    | decreased switching distances when mounted near iron |     |     |      |
| Mounting advice   |                                    | magnetically conductive screws must not be used      |     |     |      |
| Case color        |                                    | white                                                |     |     |      |
| Sealing compound  |                                    | Polyurethan                                          |     |     |      |
| Remark            |                                    | direct custom inquiries to sales@standexmeder.com    |     |     |      |

## Looking for pricing, stock, or lifecycle information?

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