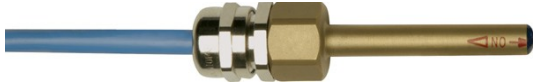


**Product Information**

**Switching Head A-U1-1**

For device UR1



- I M1 Ex ia I Ma
- II 1G Ex ia IIC T4 Ga
- II 1D Ex IIIC T135°C Da

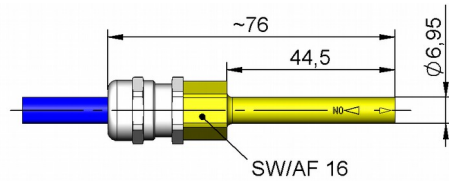
**Characteristics**

Intrinsically safe switching unit with reed switch and ATEX approval, for the UR1 range of devices, for use in intrinsically safe power circuits.

**Technical data**

|                       |  |
|-----------------------|--|
| Switch                | reed switch  |
| Medium temperature    | -20..+110 °C   |
| Ambient temperature   | -20..+50 °C  |
| Weight                | 0.05 kg additionally   |
| Wiring                | normally open (n.o.) or normally closed (n.c.), no. 0.442                |
|                       |  |
| Switching voltage     | max. 30 V  |
| Switching current     | max. 1 A   |
| Switching capacity    | max. 50 W  |
| Ingress protection    | IP 65  |
| Electrical connection | cable 2.5 m, other cable lengths up to max. 5 m are optionally available |

**Dimensions**



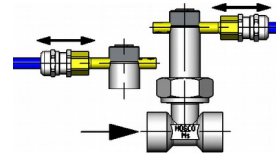
**Handling and operation**

**Note**

- For use only in intrinsically safe power circuits - Provide a suitable isolating amplifier.
- Cable lengths max. 5 m.
- It must be ensured that the values given for voltage, current, and power are not exceeded.
- When switched on, a load must be connected in series.
- The electrical details apply to ohmic loads. Capacitive, inductive and lamp loads must be operated using a protective circuit.

**Adjustment**

Loosen bolt(s), push the switching current tube into the desired position. Retighten the bolt(s). Normally closed (n.c.) or normally opened (n.o.) as per table "Technical data"



**Ordering code**

The base device is ordered, e.g. UR1-015GMA with switching head A-U1-1.

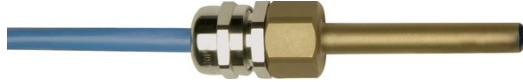
A-U1 - <sup>1.</sup> 1

|                         |         |
|-------------------------|---------|
| <b>1. Device series</b> |         |
| 1                       | for UR1 |

**Product Information**

**Switching Head A-U1-2**

For device NW1



- I M1 Ex ia I
- II 1G Ex ia IIC T4
- II 1D Ex iaD 20 T135

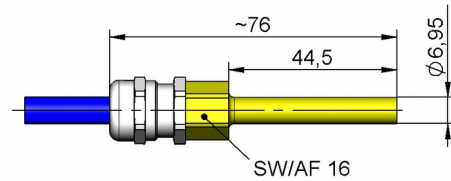
**Characteristics**

Intrinsically safe switching unit with reed switch and ATEX approval, for the NW1 range of devices, for use in intrinsically safe power circuits.

**Technical data**

|                              |  |
|------------------------------|--|
| <b>Switch</b>                | reed switch  |
| <b>Medium temperature</b>    | -20..+110 °C   |
| <b>Ambient temperature</b>   | -20..+50 °C  |
| <b>Weight</b>                | 0.05 kg additionally   |
| <b>Wiring</b>                | normally opened (n.o.) or normally closed (n.c.), no. 0.442              |
|                              |  |
| <b>Switching voltage</b>     | max. 30 V  |
| <b>Switching current</b>     | max. 1 A   |
| <b>Switch performance</b>    | max. 50 W  |
| <b>Ingress protection</b>    | IP 65  |
| <b>Electrical connection</b> | cable 2.5 m, other cable lengths up to max. 5 m are optionally available |

**Dimensions**



**Handling and operation**

- For use only in intrinsically safe power circuits - Provide a suitable isolating amplifier.
- Cable lengths max. 5 m.
- It must be ensured that the values given for voltage, current, and power are not exceeded.
- When switched on, a load must be connected in series.
- The electrical details apply to ohmic loads. Capacitive, inductive and lamp loads must be operated using a protective circuit.

**Ordering code**

The base device is ordered e.g. NW1-020HMA with switching head A-U1-2.

A-U1 - <sup>1.</sup>2

|                         |         |
|-------------------------|---------|
| <b>1. Device series</b> |         |
| 2                       | For NW1 |