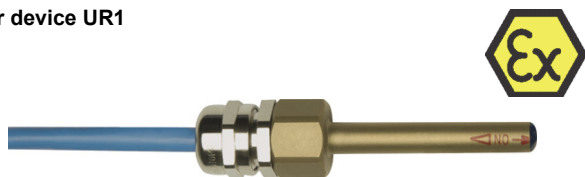


## Produktinformation

A-U1

# 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

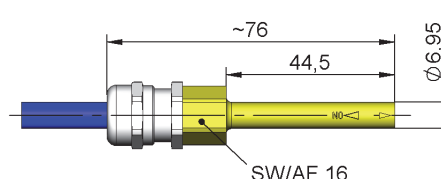
## Characteristics

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                                                                |
| Protection class      | 3                                                                        |
| Ingress protection    | IP 65                                                                    |
| Electrical connection | cable 2.5 m, other cable lengths up to max. 5 m are optionally available |

## Dimensions



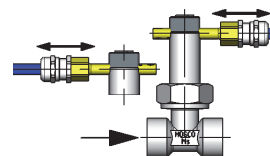
## Handling and operation

### 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.

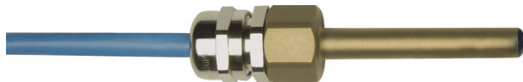
A-U1 - 1

|    |               |
|----|---------------|
| 1. | Device series |
| 1  | for UR1       |

## Produktinformation

# 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

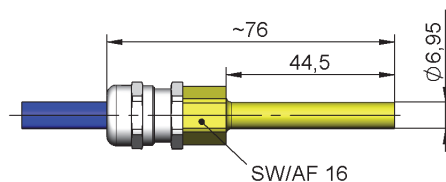
## Characteristics

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

|                       |                                                                          |
|-----------------------|--------------------------------------------------------------------------|
| Switch                | reed switch                                                              |
| Medium temperature    | -20..+110 °C                                                             |
| Ambient temperature   | -20..+50 °C                                                              |
| Weight                | 0.05 kg additionally                                                     |
| Wiring                | normally opened (n.o.) or normally closed (n.c.), no. 0.442              |
|                       |                                                                          |
| Switching voltage     | max. 30 V                                                                |
| Switching current     | max. 1 A                                                                 |
| Switch performance    | max. 50 W                                                                |
| Protection class      | 3                                                                        |
| 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

- 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

| 1. | Device series |
|----|---------------|
| 2  | For NW1       |