## 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 ${ }^{\circ} \mathrm{C}$ 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 | $-20 . .+110{ }^{\circ} \mathrm{C}$ |
| Ambient temperature | $-20 . .+50^{\circ} \mathrm{C}$ |
| 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.


## 1. Device series

## Switching Head A-U1-2

For device NW1


- I M1 Exial
- 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 <br> temperature | $-20 . .+110^{\circ} \mathrm{C}$ |
| Ambient <br> temperature | $-20 . .+50^{\circ} \mathrm{C}$ |
| Weight | 0.05 kg additionally |
| (n.c.), no. 0.442 |  |

## 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 $-\begin{array}{r}1 . \\ \end{array} .2$.

Device series
2 For NW1

