## SAFETY INSTRUCTIONS

- *Installation, commissioning and maintenance shall only be carried out by qualified persons.*
- *Work on the electrical connections may only be carried out by persons who are qualified and authorized for these activities.*
- *Do not activate the power supply until the installation is completed.*
- *The power supply must be disconnected during maintenance work.*
- *Warning! No external loads may act on the devices.*

## SUPPORTED LOOP MODULES

- *Mircom MIX-M501AP Mini Monitor Module*
- *Notifier FMM-101 Monitor Module*
- *Silent Knight SK-Minimon Intelligent Mini Monitor*
- *System Sensor M501M*
- *Fire Lite MMF-301 Monitor Module*
- *Gamewell AMM-2F Addressable Monitor Module*
- *Johnson Controls M301MJ Mini Monitor Module*
- *Morley - IAS*
- *Secutron MRI - M501M*
- *EST / Edwards M501MF*

## DESCRIPTION

This valve supervisory switch kit is designed to work with a wide range of addressable loop modules of Honeywell subsidiarys. A specific loop module is not provided with this kit and must be installed by qualified personal before use.

UW3 switches work with magnet sensing technology and hence require the provided magnet placed at the marked housing location to be in their normal state.

*Notice:*
*This switch is certified as Enhanced Security by FM Approvals according to standard 3135, i.e. the valve inspection interval is extended from weekly to semiannually.*

Download product files:
www.mecon.de/downloads/

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MECON
SAFETY CONTROL

# UW30-AE5H#

## INSTALLATION INSTRUCTIONS
## Addressable Supervisory Switch With Enhanced Security
## Honeywell

FM
APPROVED

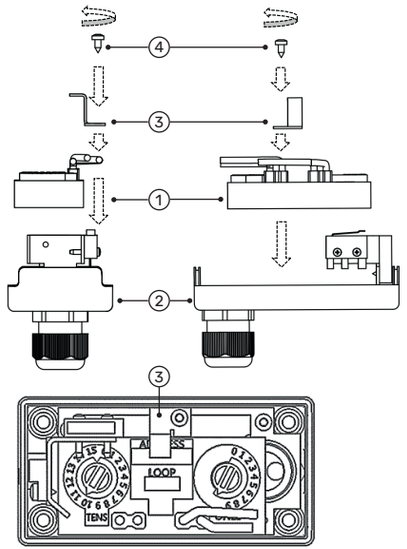
www.mecon.de
UW30-AE5H# / 25-04

## SPECIFICATIONS

| | |
|---|---|
| Min. & Max. working voltages | 18 ... 30 V DC |
| Max. switching current rating | 200 mA |
| Housing material | Polycarbonat (PC-V0) |
| Cable cross section | 0.34 ... 1.5 mm² (22 ... 15 AWG) |
| Dimensions (L x W x H) | 100 x 50 x 40 mm |
| Protection class | IP65 |

## LOOP MODULE INSTALLATION

1. Open the UW3 housing cover by loosening the screws. Take the cover off.
2. Place the Honeywell mini monitor module ① in the bottom part of the UW3 housing ② and use the hold-down element ③ to fix the Honeywell module with the screw ④ on the frame.

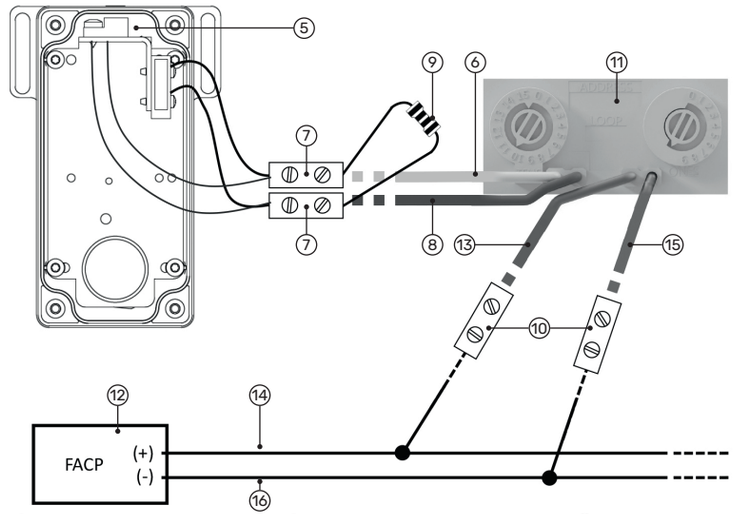



① Mini Monitor Module (not provided with UW3 A E5 H)
② UW3 housing (bottom part)
③ Hold-down element
④ Screw

*Fig. 1: Loop module installation*

## ELECTRICAL INSTALLATION

1. Connect the yellow cable ⑥ of your Honeywell module to one of the pre-wired wire to wire connectors ⑦ and the violet cable ⑧ to the other pre-wired wire to wire connector ⑦.
2. Insert the EOL resistor ⑨ into the wire to wire connectors ⑦ as well.
3. Use the supplied cable connectors ⑩ to connect your Honeywell module ⑪ to the fire alarm control panel (FACP) ⑫.
4. Connect the red cable ⑬ to the + wire of the signaling line circuit ⑭ using one of the wire to wire connectors ⑩.
5. Connect the black cable ⑮ to the - wire of the signaling line circuit ⑯ using the other wire to wire connector ⑩.




⑤ UW3 A E5 H kit
⑦ Wire to wire connectors (pre-connected to UW3 A E5 H kit)
⑨ EOL resistor
⑩ Wire to wire connectors
⑪ Honeywell Mini Monitor Module
⑫ Fire alarm control panel (FACP)
⑭ Signaling line circuit (SLC) + wire
⑯ Signaling line circuit (SLC) - wire

| | |
|---|---|
| ⑥ Yellow cable | Supervised IDC (-) |
| ⑧ Violet cable | Supervised IDC (+) |
| ⑬ Red cable | SLC loop (+) |
| ⑮ Black cable | SLC loop (-) |

*Fig. 2: Wiring configuration*