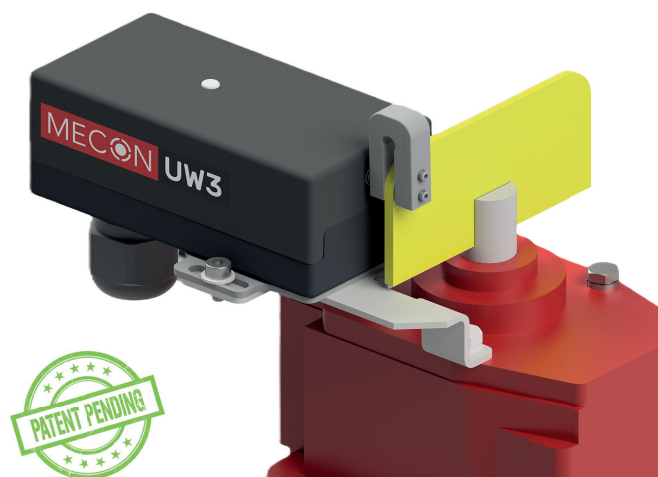




UW3 SERIES

Sprinkler supervisory device with enhanced security for use on butterfly valves and gate valves



made
in
Germany

Discover the new dimension of valve monitoring with our UW3 series. The monitoring switches offer increased security for valves in stationary fire protection systems and allow for an extension of inspection intervals according to FM Global Data Sheet 2-81.

Continuous monitoring ensures early problem detection and timely identification of faults. Optimized maintenance plans and targeted repairs minimize unnecessary maintenance work and reduce maintenance costs.

ADVANTAGES

- » Extended inspection intervals from weekly to semi-annual
- » Quick and easy installation
- » Compatible with existing systems
- » Various communication protocols integrable (optional)
- » Protection class IP65

Use the mounting kit compatible with your butterfly valves and install the monitoring switch quickly and easily without drilling, cutting, or separating.

Thanks to the various optionally integrable communication protocols, the switches are flexible and compatible with existing systems.

TECHNICAL DATA

System

Operating voltage	17 ... 28 V DC	Security functions	Switch with snap-in-/ hold function (tamper-proof)
Resting power	0.2 mA	Status display (optional)	Signal LED (included in the switch with advanced security functionality)
Alarm power	6.2 mA + resting power	Certificates	FM PR461926
Protection class	IP65		
Temperature range	-20 °C ... 60 °C (-4 °F ... 140 °F)		

DIMENSIONS

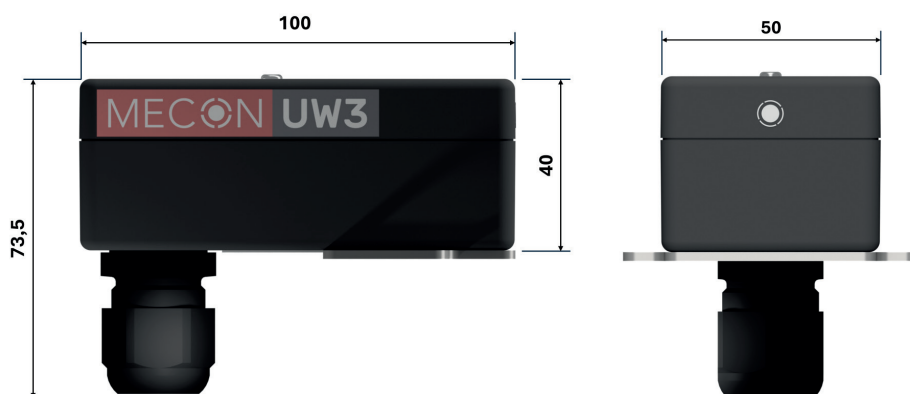


Fig. 1: Dimensions UW3 (mm)

VARIANTS

Position switch

Conventional	FM approved
Addressable	Apollo - FM / LPCB, VdS
	Honeywell - FM
	Potter - FM

Mounting kits

Butterfly valve	Reliable 2"/DN 50 ... 10"/DN 250
	Tyco / Global Safety Products 2"/DN 50 ... 12"/DN 300
	Victaulic 2"/DN 50 ... 12"/DN 300
	Viking / Mech / Weflo 2"/DN 50 ... 10"/DN 250
OS&Y valves	OS&Y Ø 20 ... 40 mm (0.8 ... 1.6 in)



PRODUCT AND FASTENING SYSTEMS

Product	System	Module	Order code	
Position Switch with enhanced security functionality (conventional)	MECON	Conventional fire detection / threshold value technology (in connection with one PSR)	UW30-CE5	
		Power Supervisory Relay (PSR) (one PSR per conventional detector line)	ZB-UW3-PSR	
		Conventional Position Switch	UW30-C	
Position Switch with enhanced security functionality (addressable)	Apollo	XP95A Mini Switch Monitor (EN 54 - FM)	UW30-AE5A1	
		XP95 Mini Switch Monitor (EN 54 - LPCB / VdS)	UW30-AE5A2	
		Without (prepared for the installation of a module)	UW30-AE5AX	
	Honeywell	Mircom MIX-M501AP Mini Monitor	UW30-AE5HA	
		Notifier FMM-101 Monitor	UW30-AE5HB	
		Silent Knight SK-Minimon Intelligent Mini Monitor	UW30-AE5HC	
		System Sensor M501M	UW30-AE5HD	
		Fire Lite MMF-301 Monitor	UW30-AE5HE	
		Gamewell AMM-2F Addressable Monitor	UW30-AE5HF	
		Johnson Controls M301MJ Mini Monitor	UW30-AE5HG	
		Morley - IAS	UW30-AE5HH	
		Secutron MRI - M501M	UW30-AE5HJ	
		EST / Edwards M501MF	UW30-AE5HK	
		Without (prepared for the installation of a module)	UW30-AE5HX	
		Potter	Potter - PAD100 - MIM	UW30-AE5P1
Without (prepared for the installation of a module)	UW30-AE5PX			
Mounting kit butterfly valve	Reliable	300W / 300WC	2½"/DN 65 ... 8"/DN 200	ZB-UW3B01
		300GT / 300GTC	2"/DN 50 ... 10"/DN 250	
		363 GT / 363GTS	2"/DN 50 ... 10"/DN 250	
	Tyco / Global Safety Products	BFV-300 / BFV-300C / BO-G310 / BO-G310T	2"/DN 50 ... 12"/DN 300	ZB-UW3B02
		Victaulic	Firelog 705 / 765	
	Viking / Mech / Weflo	BVG-1-MON	10"/DN 250 ... 12"/DN 300	ZB-UW3B05
			2"/DN 50 ... 10"/DN 250	ZB-UW3B04
Mounting kit OS&Y valves with groove in the stem	OS&Y valve	Stem Ø 20 ... 40 mm (0.8 ... 1.6 in)	ZB-UW3Y01	
		Extension box stem Ø 20 ... 40 mm (0.8 ... 1.6 in)	ZB-UW3Y02	