








## Protection and signaling devices

Part-number	Fire and Smoke		Level sensor		Antifreeze thermostat	Movement-Light
	SFFF*	SFFS*	LSR*		DCTF*	DPWA*
						
Version	Fire	Smoke	Ver. 2"	Flange		
Powered supply	12...28 Vdc	12...28 Vdc	-	-	-	24Vac 15...36Vdc
Power consumption	50µA a 24Vdc	50µA a 24Vdc	-	-	-	<1W@24Vdc
Output signal	Relay max. 1A 30Vdc	Relay max. 1A 30Vdc	Resistive Min GND-Vout 698Ω±1% Max GND-Vout 6K49Ω±1% GND-Vref 7196Ω		Relay max. 15 (8) - 24...250Vac	Light: 4...20 mA Movement: Relay SPDT 24V /1A
Material	-	-	AISI-316	-	-	-
Measuring ranges	-	-	Length of measurement 300mm	-10...15°C	-	multi-range switching with 6 switchable measuring
Accuracy	-	-	5mm	±1°C (at 10°C)	-	-
Sum of Linearity + hysteresis	-	-	-	-	-	-
Temperature drift values	-	-	-	-	-	-
Operating condition range	-10...+70°C <93% not-cond.	-10...+70°C <93% not-cond.	-30/+90°C <93% not-cond.	-10...+15°C <93% not-cond.	-10...+15°C <93% not-cond.	-30...+70 °C 0...+50 °C
Max. speed air	0,2m/s	0,2m/s	-	-	-	-
Response time	-	-	-	5s	-	-
Index of protection	IP20	IP21	IP67	IP65	IP65	IP65 and IP30
Max pressure	-	-	40bar (580PSI)	-	-	-
Differential	-	-	-	2°C	-	-
Membrane	-	-	-	-	-	-
Electrical connection	Shielded connection cable sez. min 0,5 mm2	Shielded connection cable sez. min 0,5 mm3	Cable 6m long	0,14 - 2,5 mm <sup>2</sup> screw terminals	0,14 - 1,5 mm <sup>2</sup> screw terminals	
Bulb length	-	-	-	3m	-	-
Max dimension	diam.106x60	diam.106x59	450mm	108x72,5x70mm	64x107x37,8mm 91x85x35,6mm	
In accordance with	EN 54-5	EN 54-7	Dir. 2004/108/CE Electromagnetic Compatibility Dir. 2006/95/CE Low Voltage	EN60529 EN60730 CE according to EMC directive 2004/108/EC	CE conformity, electromagnetic compatibility according to EN61326, EMC directive 2004/108/EC	
Option	-	-	Gasket	-	-	-
Documentation	+050000520		+0500075ML	+50000646	+0500078ML +040000045	

## Protection and signaling devices - Flooding sensor

	Flood detector	Pinhole probe	Strip probe
Part-number	FLOE000010	FLOS000000	FLOR000000
			
Powered supply	24 V ±10% ~ 50/60 Hz	-	-
Power consumption	1,5VA	-	-
Alarm relay output circuit	250 Vac; 2A res. 2A ind. cosφ= 0,4, 2(2) A, as per EN60730-1 (100,000 cycles)	-	-
Maximum length of the probe connection cable	500 m, with single- wire cable and double insulation	-	-
Maximum length of the sensor strip Probe	100m	-	-
Cross-section of the connection cable	1.5 mm <sup>2</sup>	1.5 mm <sup>2</sup>	0
Operating condition range	-10T60 °C 95% rH non-condensing	-	0
Index of protection	IP40	IP00	IP00
In accordance with	EN 6000-6-2, EN 6000-6-4 (EMC) EN 61010-1 (safety) CE	-	-
Material	-	fibreglass printed circuit, with sealed conductive element	polyester fibre
Terminals	-	screw terminals for wires with max. cross- section 1.5mm <sup>2</sup>	-
Container	-	Steel	-
Length of the strip	-	-	25m
Metal wires	-	-	Stainless steel, dia.= 0.6 mm
Colour	-	-	Grey-Red
Documentation	+050004116		