








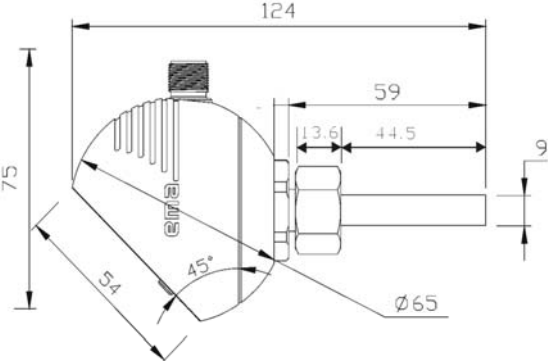


<p>FL0005 Flow + Temperature Sensor Compact type for adaptor M12 socket Thread connection Internal thread M18 x 1.5 for adaptor Aluminum alloy</p>		
Application	Liquid and Gas	
Electric design	DC 2 X NPN	
Output		Temperature
	OUT 0	N.O.  /N.O. 
	OUT 1	N.C.  /N.C. 
	OUT 2	N.O.  /N.C. 
OUT 3	N.C.  /N.O. 	
Operating voltage [V]	20...36 DC	
Current loading [mA]	2 X (≥400)	
Short-circuit protection	Yes	
Reverse polarity protection	Yes	
Overload protection	Yes	
Voltage drop[V]	<2.5	
Current consumption [mA]	<80	
Sensing temperature range[°C]	-40...150 (Temperature)	
Display accuracy[°C]	0.5	
Max. temperature gradient of medium [K/	300	
Pressure rating [bar]	300	
Liquid medium temperature [°C]	-25...80(Flow)	
Liquid setting range [cm/S]	3...300	
Max. sensing range [cm/S]	3...60	
Gas medium temperature	-25...80(Flow)	
Gas setting range [cm/S]	200...3000	
Max. sensing range [cm/S]	200...800	
Power-on delay time [s]	<15	
Response time [s]	1...10	
Operating temperature [°C]	-25°C...80°C	
Protection classification	IP67	
Dimension		

Shock resistance [g]	50
Vibration resistance [g]	20
Housing material	Aluminum alloy
Sensor material	Stainless steel(S304)
Display	3-color LED X 10 ; 3-digit 7-segment LED
Connection	M12 socket
Wiring	
Core color	
Programming wire (for remote adjustment)	



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