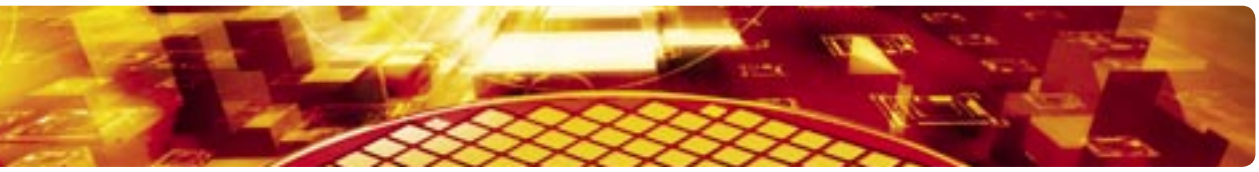
cynergy3 components™

LM10

switch for turbulent liquids & confined spaces



This is suitable for use in water, industrial wastewater and sewage, that can have wide variations of temperature. This compact design of switch is for use in more confined spaces, where there is not enough room for the larger FFSMC type.

The rounded body design and floating attitude prevents accumulation of solids on the body. The switch has additional internal ballast, to bring the centre of gravity and rotation close to the cable entry point.

The switching element is a self cleaning type, that makes the complete switch insensitive to humidity and condensation, allowing this type to operate in widely fluctuating temperatures. The switch contacts are rated at 10 Amp resistive.

Supplied, as standard, with 5 metres cable and adjustable counterweight



- ***For smaller tanks and restricted space***
- ***Use in sewer and industrial waste water***
- ***Shape avoids "ragging", in sewer systems***
- ***Unaffected by suspended solids***
- ***Operates in Turbulent Fluids***

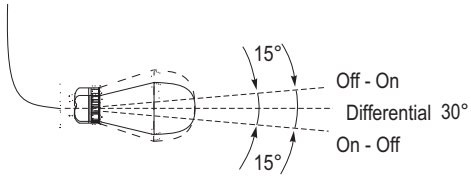
Technical specifications		LM10A	LM10B	LM10C
Contact Form		N/O	N/C	C/O
Material		High Density Polyethylene		
Temp Range	°C	0 / +55		
	°F	+32 / +131		
Cable (standard length 5m)		With protective earth		no earth
Standard cable covering		PVC		
U cable option for Fuel oils		Polyurethane		
Max. working pressure		10 bar		

Electrical Specifications	
Switching Power Max.	AC : 750 VA/DC : 180W
Switching Voltage	AC : 250 V/DC : 110 V
Switching Current Max. Resistive	10 A
Switching Current Max. Inductive	AC : 4A/DC : 1 A

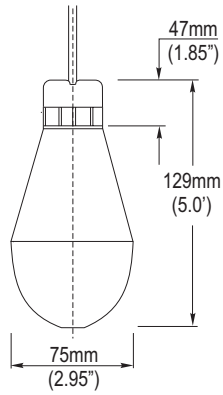
It is necessary to use an auxiliary relay, when switching pum motors or any loads that are not purely resistive.

Mechanical Dimensions

All dimensions are in millimeters (inches)



Minimum Cable Pivot length 120mm



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ISO9001 CERTIFIED

Competitive part number cross-reference available at: www.cynergy3.com

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