

MS SERIES



* = protective earth wire not included on "C" (C/O) versions.

The MS series of cable end float switches are designed for controlling levels in large tanks, cisterns or reservoirs and can be directly installed on submersible pumps. The casing is manufactured in blow moulded Polyethylene (HDPE), with 5m PVC cable with protective earth conductor as standard*. The switching element is a microswitch, with UL, VDE and CENELEC approvals, activated by a moving stainless steel ball and having an electrical life of 200,000 operations. Non-hygroscopic closed-cell expanded polyurethane is injected around the switch housing within the outer casing, hermetically sealing the unit. It is capable of working down to 100 metres depth in water.

The "U" version with polyurethane cable is for use in fuel oils.

Features

- Direct power switching
- Cable mounting
- 100 metre depth capability

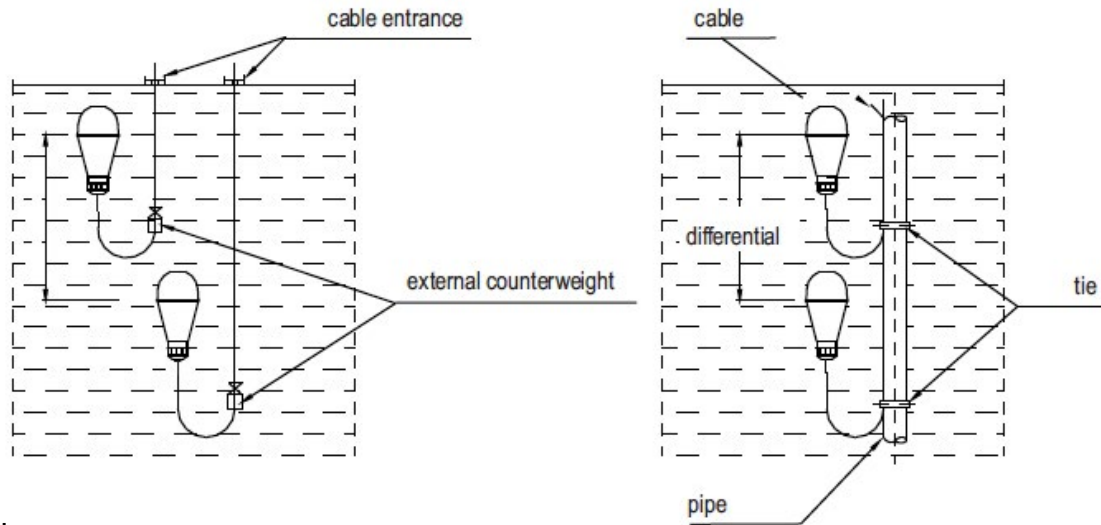
SPECIFICATIONS

Technical

Part No.	Contact Form	Switching Current Max. (Amps)			Power Rating Max.		Switching Voltage Max.		Cable Matl.	Cable Length *	Body Matl.	Temp. Range		Max. Pressure
		AC		DC										
		Resistive	Inductive		AC (VA)	DC (W)	AC	DC				°C	°F	
MS10A	N/O	10	4	1	750	24	250	24	PVC	5m	HDPE	0-45	32-113	10 bar
MS10AU	N/O	10	4	1	750	24	250	24	PUR	5m	HDPE	0-45	32-113	10 bar
MS10B	N/C	10	4	1	750	24	250	24	PVC	5m	HDPE	0-45	32-113	10 bar
MS10BU	N/C	10	4	1	750	24	250	24	PUR	5m	HDPE	0-45	32-113	10 bar
MS10C	C/O	10	4	1	750	24	250	24	PVC	5m	HDPE	0-45	32-113	10 bar
MS10CU	C/O	10	4	1	750	24	250	24	PUR	5m	HDPE	0-45	32-113	10 bar
MS20A	N/O	10	8	2	1500	48	250	24	PVC	5m	HDPE	0-45	32-113	10 bar
MS20AU	N/O	10	8	2	1500	48	250	24	PUR	5m	HDPE	0-45	32-113	10 bar
MS20B	N/C	10	8	2	1500	48	250	24	PVC	5m	HDPE	0-45	32-113	10 bar
MS20BU	N/C	10	8	2	1500	48	250	24	PUR	5m	HDPE	0-45	32-113	10 bar
MS20C	C/O	10	8	2	1500	48	250	24	PVC	5m	HDPE	0-45	32-113	10 bar
MS20CU	C/O	10	8	2	1500	48	250	24	PUR	5m	HDPE	0-45	32-113	10 bar



INSTALLATION



Wiring Detail

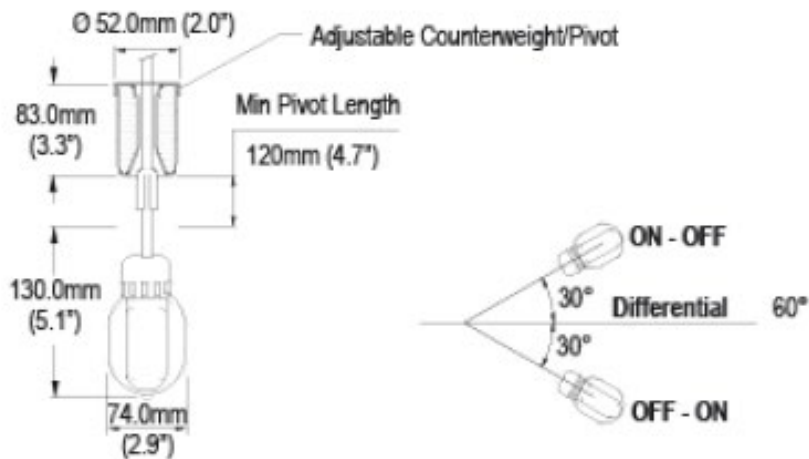
Contact Form	Contact Type	Wires	
A	Normally open	Brown/ Black	
B	Normally closed	Brown/ Blue	
C	Changeover	Brown/ Black	Normally Open
		Brown/ Blue	Normally Closed

Note. "Normally" means "No Liquid Present"



DIMENSIONS

All dimensions are in millimeters.





ORDERING OPTIONS

Example : MS10AU10

	MS	10	A	U	10
Series					
Max. current					
Contact Form					
A = n/o					
B = n/c					
C = c/o					
Cable covering					
Blank = PVC					
U = Polyurethane					
W = WRAS approved (see MS WRAS)					
Cable length in metres					
Blank = 5M standard					

Made in the UK

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