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## **MCA/MCS Pressure Switch SPDT**

The MCA/MCS range has been developed by Applications Engineering Ltd as a rugged general purpose pressure switch suitable for applications where cost and reliability are leading factors. Available as both adjustable (MCA) and factory set versions (MCS) with SPDT electrical contacts.

OPTIONS		DIMENSIONS
Adjustment Ranges	1 : 0.2~1 Bar 10 : 1~10 Bar 20 : 10~20 Bar 50 : 20~50 Bar 80 : 30~80 Bar 300 : 30~300 Bar (Piston)	(1) (2) (3) COMMON 0 0 NO (3) E (1) 0 NO (3) E (1) 0 NO (2) 0 (2) 0 NO (3) E (2) 0 NO (3) E (3) 0 P 0 NO (3) E (4) 0 P 0 NO (3) E
Thread Sizes	G1/4, G1/8, G1/4T, G1/8T, 1/8 NPT, 1/4 NPT (other threads available on request)	6.3x0.8 Spade terminals
Contacts	Single Pole Double Throw	
Terminals	Spade Type 6.3mm x0.8mm (protective cap with cable gland also available)	SV 24mm
Diaphragm/Piston	N : HNBR (-40~140°C)* V : Viton (-20~110°C) E : EPDM (-15~80°C) * Standard option (Other options available on request)	PARTS MATRIX
Body Material	Blank : Brass ZN : Zinc plated steel 316 : 316 grade stainless steel	MCA/MCS 300 G1/4 CO SP N ZN -
Options	SG : Degreased for use in oxygen applications For other options please consult Applications Engineering Ltd	Type: Adjustable or Pre-set Adjustment Body Material
SPECIFICATIONS		Range or Set Blank: Brass   Point (See ZN: Zinc Plated
Working Voltage Electrical Load	250Vac Max 5A	Options) Steel 316: S/S
Maximum Pressure	Brass 80 Bar, ZN - 300 Bar, Piston version - 600 Bar, 316 S/S - 300/500 Bar	Thread Type (See Options) Diaphragm/Piston Material (See Options)
Mechanical Life	10^5 Operations (50/Min)	
Electrical Protection	IP54 w/cap, Terminals IP00	Contact Type Electrical Termination
Contact material	Silver	Single Pole Double Throw Spade Terminals as
Contact Holder Material	Nylon 6/6 fv.30	Standard