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VCA/VCS Pressure Switch SPDT

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

OPTIONS		DIMENSIONS
Adjustment Ranges	1 : 200~900mbar Pre-set: Please specify set point	(1) (2) (3) COMMON ONO (3) E (1) ONO (3) E (1) ONO (2) ONO (2) ONO (2) ONO (3) E (2) ONO (3) E (3) ONO (3) COMMON ONO (3) E (4) ONO (4) ONO (5)
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)	SW 24mm
Diaphragm/Piston	N : Nitrile (-20~90°C)* V : Viton (-25~120°C) E : EPDM (-20~120°C) * Standard option (Other options available on request)	PARTS MATRIX
Body Material	Blank : Brass ZN : Zinc plated steel 316 : 316 grade stainless steel	VCA/VCS 1 G1/4 CO SP N ZN - Model Type: 1 1 1 1 0ptions
Options	DG : Degreased for use in oxygen applications For other options please consult Applications Engineering Ltd	Adjustable or Pre-set Body Material
SPECIFICATIONS		Adjustment Blank: Brass Range or Set ZN: Zinc Plated
Working Voltage	250Vac Max	Point Steel
Electrical Load	0.5A	316: S/S
Maximum Pressure	70 Bar	Thread Type Diaphragm/Piston Material
Mechanical Life	10 ⁵ Operations (50/Min)	(See Options) (See Options)
Electrical Protection	IP54 w/cap, Terminals IP00	
Contact material	Silver	Contact Type Electrical Termination
Contact Holder Material	Nylon 6/6 fv.30	Single Pole Double Throw Spade Terminals as Standard