

SM series SENSOR SWITCH

SM



Model	Voltage V	Current mA	Contact	Range of Service Temp. °C	Suitable For Cylinder Model																		
SM-95	DC.AC. 10~240	200	Normally Open	-10~70	DGA, DGB, DGC																		
	DC.AC. 10~150		Normally Close																				
SM-95N(P)	DC. 5~30	100	Normally Open			DNN, DJ2, DSG, DSF, DSE, DSH, DSB, DNB, DRH																	
SM-100(S)	DC.AC. 5~240																						
SM-100N(P)	DC. 5~30	100						DSNA, DSNB, DSND, DSB															
SM-120	DC.AC. 5~240																						
SM-120N(P)	DC. 5~30	50								ADV, ADVUL, SPA, DPA, DPD, DPH, BDH, BDJ, BDK, BDN, DRF, DFR(L), DPB, DPK, DGF.													
SM-130	DC.AC. 5~240																						
SM-130N(P)	DC. 5~28	4~20										HGA, HGB, HGD, HGF, HGJ											
SM-30E(F,S)	DC.AC. 5~240																						
SM-30EN(EP)	DC. 5~30	50												DGE, SMX, DRA, HGF, HGE, HGL, HGN, HGM									
SM-5G	DC. 10~28																						
SM-5GN(P)	DC. 4.5~28	100														ADV, ADUAL, ADVUB, BDH, BDJ, BDK, BDN, DGE, DGJ, DGF, DGH, SMR(L), SFR(L), SLQ, SPA, DPA(B), DPD(E), DPH(J), DPK(L), DRC, DRD, DRE, DFR(L), DFF, JCR, JER, HGF, HGE, HGC, HGL, HGN							
SM-8G	DC. 10~28																						
SM-8GN(P)	DC. 4.5~28	200																SPB, SPC, DPC, JN					
SM-9D(B)	DC.AC. 5~120																						
SM-9H	DC.AC. 5~240	100																		HGA, HGD, HGB, HGA, HGF			
SM-9DN(P)	DC. 5~30																						
SM-6(T)H	DC.AC. 5~240	200																				DNU, DJB, DJU, DRG	
SM-15T(B)	DC.AC. 5~120																						
SM-15TN(P)	DC. 5~30	200																					DNU, DRG
SM - 32 B	DC.AC. 5~240																						
SM - 50 B																							
SM - 80 B																							

Note : Custom-made is normally close for N.C. normally close type.

SPA series PRESSURE SWITCH

SPA



Model	Voltage	Pressure Range	Output	Response Time	Port Size
SPA N - 05	12 to 24 VDC (±10%)	-0.100 ~ 1.000 MPa	-	-	Ø6, M5, 1/8" (G,PT,NPT)
SPA C - 05		-0 ~ -101.3 KPa			
SPA N - 10	12 to 24 VDC (±10%)	0 ~ 1 MPa	NPN PNP	5 ms or less	M5 , 1/8" (G,PT,NPT)
SPA L - 10		0 ~ 100 KPa			
SPA V - 10		-101 ~ 0 KPa			
SPA N - 30	12 to 24 VDC (±10%)	-0.100 ~ 1.000 MPa	NPN PNP	≤ 2.5 ms Function : 24 ms, 192 ms, 768 ms (Option)	M5 , 1/8" (G,PT,NPT)
SPA C - 30		-100.0 ~ 100.0 KPa			
SPA V - 30		10.0 ~ -101.3 KPa			
SPA N - 40	12 to 24 VDC (±10%)	-0.100 ~ 1.000 MPa	NPN PNP	≤ 2.5 ms Function : 24 ms, 192 ms, 768 ms (Option)	1/8" (G,PT,NPT)
SPA C - 40		-100.0 ~ 100.0 KPa			
SPA V - 40		10.0 ~ -101.3 KPa			
SPA N - 41	12 to 24 VDC (±10%)	-0.100 ~ 1.000 MPa	NPN PNP	0.05s, 0.25s, 0.5s, 1s, 2s, 3 s (Option)	For, N200~N500
SPA N - 42	12 to 24 VDC (±10%)	-0.100 ~ 1.000 MPa	NPN PNP	≤ 2.5 ms Function: 25ms , 100ms, 250ms, 500ms, 1000ms, 1500ms	M5 , 1/8" (G,PT,NPT)
SPA C - 42		-101.0 ~ 101.0 KPa			
SPA V - 42		10.0 ~ -101.3 KPa			
SPA N - 43	12 to 24 VDC (±10%)	-0.100 ~ 1.000 MPa	-	-	1/8" (G,PT,NPT)
SPA C - 43		-100.0 ~ 100.0 KPa			

AIRINN products

Related Calculation
Common Caution

Air unit

Valve

Cylinder

Gripper

Vacuum Equipment

Fitting

Accessories

Assembly pick and place robot