

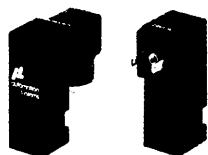


AUTOMATION SYSTEMS



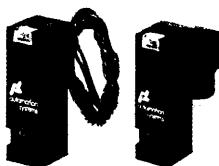
microsol N

705 9851



PILOT

1



PILOT
LED & VARISTOR

2



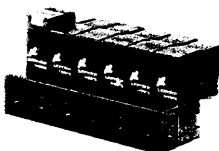
FLANSCH
EMBASE-SUB-BASE

3



BATTERIE

4



BATTERIE

5

Bemerkung :
1) Integrierte LED Version
Alle Versionen können mit LED,
Integriertem Varistor, geliefert werden.
Spulen auch mit Kabelenden lieferbar.
P Flansch

Remarques :
1) version à témoin intégré.
Toutes les versions peuvent être
livrées avec témoins LED, varistors
intégrés, fils, connexions femelles, etc.
P embase

Remarks :
1) version with built-in indicators.
All versions are available with LED
indicators, varistors, flying leads,
female connections, etc.
P sub-base

ANSCHL. RACCORD THREAD	FIG.	NENNWEITE		WERT		DRUCKBEREICH		LEISTUNG		BESTELLNUMMER											
		ORIFICE	Kv	FACTEUR	PRESSION	PUISSANCE	No. DE COMMANDE		ORDER NUMBER		SUFFIXE										
							mm		bar			watts		Dichtung							
						MIN		MAX		DC		AC		VALVE		Körper		clapet		FILE	
2/2 NC - NF - NC																					
Flansch embase sub-base	1-2"	0.5	0.12	0	10	1	1			1-211 P-00-	H		0								
		0.8	0.28	0	8	1	1			1-211 P-01-	H		0								
		1.1	0.42	0	5	1	-			1-211 P-011	H		0								
		1.1	0.42	0	10	-	1			1-211 P-011	H		0								EHC
		1.1	0.42	0	10	2	-			1-211 P-011	H		0								
		1.5	0.55	0	3	1	-			1-211 P-015	H		0								
		1.5	0.55	0	6	-	1			1-211 P-015	H		0								EHC
		1.5	0.55	0	6	2	-			1-211 P-015	H		0								
2/2 NO																					
Flansch embase sub-base	1-2"	0.7	0.28	0	10	1	1			1-221 P-070	H		0								
		1.0	0.40	0	10	1	1			1-221 P-010	H		0								
		1.5	0.60	0	5	1	-			1-221 P-015	H		0								
		1.5	0.60	0	10	-	1			1-221 P-015	H		0								
		1.5	0.60	0	10	2	-			1-221 P-015	H		0								EHC
2/2 NC - NF - NC - NO																					
				TORR				VAKUUM - VIDE - VACUUM													
embase	1-2"	1.5	0.55	760	25	1	1			1-211 P-015	H		0								
embase	1-2"	1.5	0.60	760	25	1	1			1-221 P-015	H		0								
3/2 NC - NF - NC																					
Flansch embase sub-base	1-2"	0.5	0.12	0	10	1	1			1-311 P-00-	H		0								
		0.8	0.28	0	8	1	1			1-311 P-01-	H		0								
		1.1	0.42	0	5	1	-			1-311 P-011	H		0								
		1.1	0.42	0	10	-	1			1-311 P-011	H		0								
		1.1	0.42	0	10	2	-			1-311 P-011	H		0								EHC
		1.5	0.55	0	3	1	-			1-311 P-015	H		0								
		1.5	0.55	0	6	-	1			1-311 P-015	H		0								
		1.5	0.55	0	6	2	-			1-311 P-015	H		0								EHC
3/2 NO																					
Flansch embase sub-base	1-2"	0.7	0.24	0	3	1	-			1-321 P-070	H		0								
		0.7	0.24	0	6	-	1			1-321 P-070	H		0								
		0.7	0.24	0	6	2	-			1-321 P-070	H		0								EHC
		1.0	0.36	0	2.5	1	-			1-321 P-010	H		0								
		1.0	0.36	0	3.5	-	1			1-321 P-010	H		0								
		1.0	0.36	0	3.5	2	-			1-321 P-010	H		0								EHC
		1.5	0.55	0	1	1	-			1-321 P-015	H		0								
		1.5	0.55	0	2	-	1			1-321 P-015	H		0								
		1.5	0.55	0	2	2	-			1-321 P-015	H		0								EHC
		1.5	0.55	0	2	2	-			1-321 P-015	H		0								
3/2 UNI																					
Flansch embase sub-base	1-2"	0.7	0.24	0	3	1	-			1-331 P-070	H		0								
		0.7	0.24	0	6	-	1			1-331 P-070	H		0								
		0.7	0.24	0	6	2	-			1-331 P-070	H		0								EHC
		1.0	0.36	0	2.5	1	-			1-331 P-010	H		0								
		1.0	0.36	0	3.5	-	1			1-331 P-010	H		0								
		1.0	0.36	0	3.5	2	-			1-331 P-010	H		0								EHC
		1.5	0.55	0	1	1	-			1-331 P-015	H		0								
		1.5	0.55	0	2	-	1			1-331 P-015	H		0								
		1.5	0.55	0	2	2	-			1-331 P-015	H		0								EHC
		1.5	0.55	0	2	2	-			1-331 P-015	H		0								
3/2 UNI																					
				TORR				VAKUUM - VIDE - VACUUM													
embase	1-2"	1.5	0.55	760	25	1	1			1-331 P-015	H		0								
3/2 NC - NF - NC IS																					
embase	2	0.5	0.12	7	7	0.5	0.5	Eigensicher - Sécurité Intrinsèque - Intrinsically Safe													
1-311 P-00- H 0 F01003																					

TECHNISCHE DATEN

Anspruchzeit: 1,5 bis 15 ms
Schaltspiele: 2000 Schalt./Min.
Lebensdauer: 100 Mio Schaltungen
Schmierung: nicht notwendig
Medien: neutral und aggressiv
Einbaulage: beliebig
Befestigung: mit 2 M3 Schrauben
Handbetätigung: Standard
Spannung: = ~, 6 bis 220 V
Temperatur: Umgebung: -10°C - +50°C
Medium: -10°C - +30°C
Viskosität: max. 3° Engler
Anwendungen:

Maschinenindustrie, Roboter, Injekt, Textilmaschinen, Dentalgeräte, medizinische Geräte, Instrumentierung, Pilotventil für Wegeventile, Vakuumtechnik, usw.

SPECIFICATIONS TECHNIQUES

Temps de réponse: 1,5 à 15 ms
Cad. fonctionnement: 2000 cpm
Endurance: 100 millions de cycles
Lubrification: pas requise
Fluides admissibles: neutres et agressifs
Position de montage: indifférente
Fixation: 2 vis M3
Commande manuelle: standard
Voltage: = ~, 6 à 220 V
Température: ambiante: -10°C à +50°C
fluide: -10°C à +30°C
Viscosité: 3° Engler max.
Applications:

Machines, robots, imprimantes à jet d'encre, goutte à la demande, machines textiles, appareils dentaires et médicaux, instrumentation, pilotage de distributeurs, technique du vide, etc.

TECHNICAL DATA

Response time: 1,5 to 15 ms
Cycling rate: 2000 cpm
Life expectancy: 100 million cycles
Lubrication: not necessary
Media: neutral and corrosive
Mounting: in any position
Fixing: 2 screws M3
Manual override: standard
Voltage: = ~, 6 to 220 V
Temperature: ambient: -10°C to +50°C
fluid: -10°C to +30°C
Viscosity: 3° Engler max.
Applications:

Machine tools, robotics, ink jet, textile machines, dental and medical devices, instrumentation, piloting direction control valves, vacuum techniques, etc.

WERKSTOFFE - MATIERES - MATERIAL

KOERPER - CORPS - BODY				DICHTUNG - CLAPET - SEAL			
1 Aluminium	7 Bronze	0 Buna	5 Ethylène-Propylène	1 Viton	6 Kalrez	7 Silicone	8 Neoprene
2 Messing-laiton-brass	A Delrin-POM	1 Fluor	6 Kalrez	2 Fluor	7 Silicone	8 Neoprene	9 Polyurethane
3 Polyamide	D Polypropylène-PP	3 Kel F	7 Silicone	3 Kel F	8 Neoprene	9 Polyurethane	
4 Edeltal-Inox.-stainless steel	H Ryton-PPS	4 Teflon	8 Neoprene	4 Teflon	9 Polyurethane		
5 Teflon-PVDF	K Kel F-PCTFE						
6 Zamac							