

Valvole serie A1 / Valves series A1

1/8"-1/4"-1/2", 3/2-5/2-5/3, ad azionamento elettrico / 1/8"-1/4"-1/2", 3/2-5/2-5/3, electrically operated



Caratteristiche tecniche / Technical features						
Taglie / Sizes	1/8"		1/4"		1/2"	
Fluido / Fluid	Aria compressa filtrata con o senza lubrificazione. La lubrificazione se utilizzata deve essere ininterrotta. Compressed filtered air with or without lubrication. Lubrication, if started, must be continued.					
Pressione d'esercizio / Pressure range	Monostabile / Spring return 1,5 ÷ 10 bar		Bistabile / Bistable 1 ÷ 10 bar		3 posizioni / 3 positions 2,5 ÷ 10 bar	
Temperatura / Temperature range	-10°C ÷ +60°C (standard)				-25°C ÷ +60°C (BT)	
Ø Nominale / Nominal orifice Ø	6,5 mm.		8,0 mm.		15,0 mm.	
Portata a 6 bar con ΔP 1 bar / Flow at 6 bar with ΔP 1 bar	650 NI/min		1.100 NI/min		2.900 NI/min	
Pressione minima servopilota / Minimum external air pressure	1,5 bar				Monostabile e 3 posizioni / Spring return & 3 positions 2,5 bar Bistabile / Bistable 1 bar	
Installazione / Mounting	In ogni posizione / In every position					
Comando manuale / Manual override	Bistabile / Bistable					
Tempo di risposta a 6 bar / Response time at 6 bar	Monostabile / Solenoid/Spring	Bistabile / Solenoid/Solenoid	Monostabile / Solenoid/Spring	Bistabile / Solenoid/Solenoid	Monostabile / Solenoid/Spring	Bistabile / Solenoid/Solenoid
Azionamento / Energising	35 ms.	20 ms.	45 ms.	21 ms.	60 ms.	30 ms.
Disazionamento / De-energising	15 ms.	20 ms.	19 ms.	21 ms.	36 ms.	30 ms.

Materiali / Materials		Bobine* / Coils*								
Corpo / Body	Alluminio anodizzato / Anodized aluminium	Tipo / Type	ASA12		ASA2		ASA12/ATEXII3		ASA12/ATEXII2	
Fondelli / End caps	Hostaform C 13031 ⁽¹⁾		AC	DC	AC	DC	AC	DC	AC	DC
Spola / Spool	Alluminio anodizzato duro / Hard anodized aluminium	Tensione / Voltage	12, 24 V	12, 24, 48, 110, 230 V	12, 24 V	12, 24, 48, 110, 230 V	12, 24 V	24, 110, 220 V	24, 110 V	12, 24, 48, 110, 230 V
Distanziali / Distancers	Ixef 1022	Assorbimento elettrico / Electrical consumption	3 W	4,2 VA	2,5 W	5 VA	3 W	5 VA	3 W	3,2 VA
Guarnizioni / Seals	HNBR	Frequenza (tolleranza) / Frequency (tolerance)	-	50/60 Hz (± 5%)	-	50/60 Hz (± 5%)	-	50/60 Hz (± 5%)	-	50/60 Hz (± 5%)
		Tolleranza tensione / Voltage tolerance	± 10%	± 10%	± 10%	-10% ÷ +15%	± 10%	± 10%	± 10%	± 10%

⁽¹⁾ Alluminio anodizzato per taglia 1/2"

⁽¹⁾ Anodized aluminium for size 1/2"

Esempio d'ordine* / How to order*: A1E250

Codifica / Code key				
Serie / Series	Azionamento / Actuation	Taglia / Size	Funzione / Function	Variante / Option
A1	E	2	50	-

Serie / Series	Azionamento / Actuation	Taglia / Size	Funzione / Function	Variante / Options
A1	E = elettrico / electric K = elettrico con servopilota / electric with external air pilot	1 = 1/8" 2 = 1/4" 4 = 1/2"	30 = 3/2 Normalmente Chiusa / 3/2 Normally Closed 31 = 3/2 Normalmente Aperta / 3/2 Normally Open 32 = 3/2 bistabile / 3/2 solenoid/solenoid 50 = 5/2 monostabile / 5/2 solenoid/spring 51 = 5/2 bistabile / 5/2 solenoid/solenoid 52 = 5/2 bistabile differenziale / 5/2 solenoid/solenoid differential 70 = 5/3 Centri Chiusi / 5/3 Closed Centres 71 = 5/3 Centri Aperti / 5/3 Open Centres 72 = 5/3 Centri in Pressione / 5/3 Pressurised Centres	BT = Guarnizioni basse temperature / Low temperatures seals




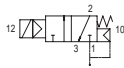
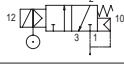

Su richiesta fornibili in conformità alla Direttiva 2014/34/UE - ATEX
On request, they can be supplied according to 2014/34/EU - ATEX


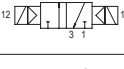
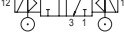
*Nota: Bobine e connettori sono da ordinare separatamente. Vedi pag. 2.6
*Note: Coils and connectors have to be ordered separately. See page 2.6


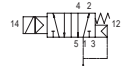
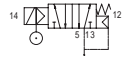
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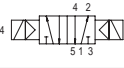
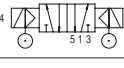

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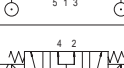




3/2 Monostabile / 3/2 Solenoid/Spring					
	Simbolo Symbol	Azionamento Actuation	Funzione Function	Taglia Size	Codice Code
		elettrico electric	Normalmente chiusa Normally closed	1/8"	034003
				1/4"	034025
				1/2"	034113
		servopilota external air pilot	Normalmente chiusa Normally closed	1/8"	034006
				1/4"	034039
				1/2"	034137
		elettrico electric	Normalmente aperta Normally open	1/8"	034004
				1/4"	034040
		1/2"		034122	

3/2 Bistabile / 3/2 Solenoid/Solenoid					
	Simbolo Symbol	Azionamento Actuation	Funzione Function	Taglia Size	Codice Code
		elettrico electric	Bistabile Solenoid/Solenoid	1/8"	034005
				1/4"	034024
				1/2"	034123
		servopilota external air pilot		1/8"	034007
				1/4"	034023
		1/2"		034158	

5/2 Monostabile / 5/2 Solenoid/Spring					
	Simbolo Symbol	Azionamento Actuation	Funzione Function	Taglia Size	Codice Code
		elettrico electric	Monostabile Solenoid/Spring	1/8"	034011
				1/4"	034111
				1/2"	034114
		servopilota external air pilot		1/8"	034012
				1/4"	034035
		1/2"		034138	

5/2 Bistabile / 5/2 Solenoid/Solenoid					
	Simbolo Symbol	Azionamento Actuation	Funzione Function	Taglia Size	Codice Code
		elettrico electric	Bistabile Solenoid/Solenoid	1/8"	034021
				1/4"	034121
				1/2"	034115
		servopilota external air pilot		1/8"	034008
			1/4"	034034	
			1/2"	034140	
		elettrico electric	Bistabile differenziale Solenoid/Solenoid differential	1/8"	034222
		1/4"		034223	
		1/2"		034139	

5/3 / 5/3					
	Simbolo Symbol	Azionamento Actuation	Funzione Function	Taglia Size	Codice Code
		elettrico electric	Centri Chiusi Closed Centres	1/8"	034031
				1/4"	034131
				1/2"	034124
		servopilota external air pilot		1/8"	034009
				1/4"	034037
				1/2"	034159
		elettrico electric	Centri Aperti Open Centres	1/8"	034033
				1/4"	034133
				1/2"	034125
		servopilota external air pilot		1/8"	034010
				1/4"	034038
				1/2"	034160
		elettrico electric	Centri in Pressione Pressurised Centres	1/8"	034032
		1/4"		034132	
		1/2"		034126	
	servopilota external air pilot	1/8"		034013	
		1/4"	034036		
		1/2"	034161		