



# IVR 348

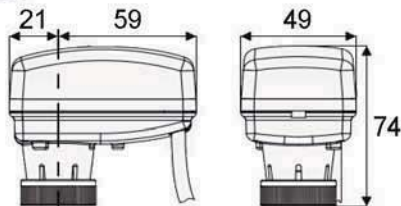
Attuatore elettromeccanico lineare modulante  
 Connessione filettata M30x1,5  
 Corsa massima 6,3mm, rilevamento automatico della corsa  
 Auto-calibrazione del fine corsa  
 Tempi di manovra 8sec./mm, spinta 130N  
 Con filo di collegamento da 2m  
 Protezione IP43  
 Conforme CE

Alimentazione a 50Hz o 60Hz, 24V AC/DC, potenza 1,5W  
 Comando 0-10VDC  
 (configurabile per 0-5VDC, 5-10VDC, 2-10VDC, 0-20mA o 4-20mA)  
 Caratteristica lineare (configurabile per caratteristica equipercentuale)  
 Temperatura ambiente: da 0° a +50°C  
 Temperatura fluido: da 0° a +95°C



## DIMENSIONI

Dimensioni in mm, peso 0,2kg



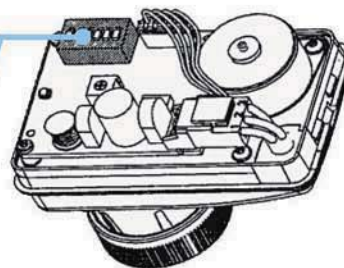
## SCHEMA ELETTRICO

Sigla	Definizione
N	Collegamento a neutro
Ph	Collegamento a fase
+	Collegamento a polo +
-	Collegamento a polo -



## OPZIONI DI CONTROLLO

2-10VDC 4-20mA (int. #6)		DA	Equip.	mA
5-10VDC				
0-5VDC		RA <sup>1</sup>	Lineare <sup>1</sup>	VDC <sup>1</sup>
0-10VDC <sup>1</sup> 0-20mA (int. #6)	ON OFF	Azione	Curva	Tipo



All'aumentare del segnale (voltaggio o corrente) l'impostazione "azione diretta" (DA) fa estendere lo stelo, l'impostazione "azione inversa" (RA) lo fa ritrarre. L'impostazione è modificabile dall'interruttore #4

<sup>1</sup>Impostazione di fabbrica

Attuatore elettromeccanico lineare  
 Possibilità di sblocco manuale  
 Connessione filettata M30x1,5  
 Con filo di collegamento da 1,5m  
 Protezione IP43  
 Conforme CE

Alimentazione a 50Hz o 60Hz  
 Versioni 230VAC o 24VAC  
 Comando a 3 punti o 0-10VDC (altri segnali configurabili)  
 Temperatura ambiente: da -5° a +55°C

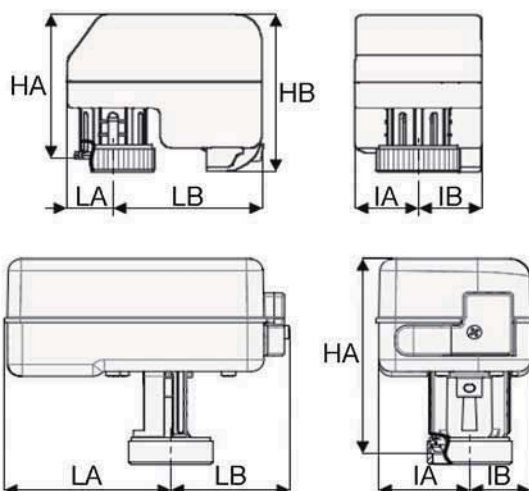


## DATI TECNICI

Aliment.	Comando	Spinta	Corsa	Potenza	Manovra
230VAC	3 punti	200N	5,5mm	5,0W	≈2,0min
24VAC	3 punti	200N	5,5mm	0,5W	≈2,0min
24VAC	modulante	200N	5,0mm	1,0W	≈2,0min
230VAC	3 punti	300N	16,0mm	1,1W	≈3,0min
24VAC	3 punti	300N	16,0mm	2,2W	≈3,0min
24VAC	modulante	300N	16,0mm	3,0W	≈3,0min

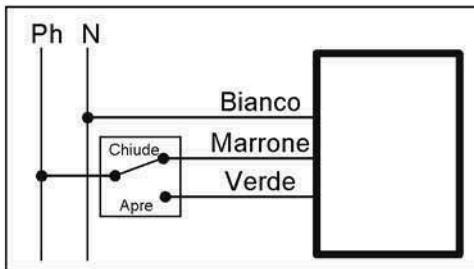
## DIMENSIONI

HA	HB	LA	LB	IA	IB	Peso
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[g]
62	68	18	59	25	25	200
62	68	18	59	25	25	200
62	68	18	59	25	25	200
82	-	65	47	37	25	250
82	-	65	47	37	25	250
82	-	65	47	37	25	250

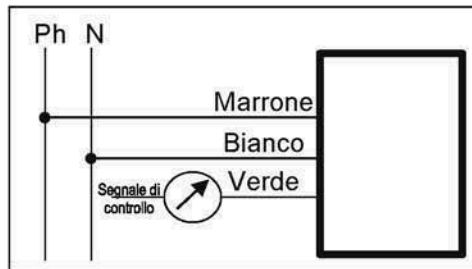


# SCHEMI ELETTRICI

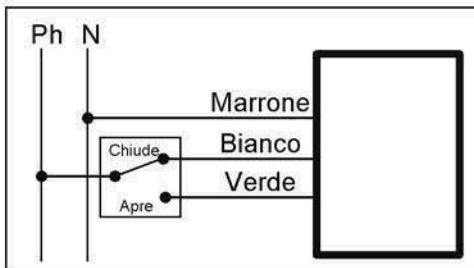
Sigla	Definizione
N	Collegamento a neutro
Ph	Collegamento a fase



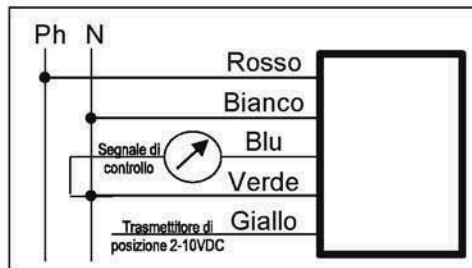
KA9705B00.800 e  
KA9705B01.800



KA9705B02.800

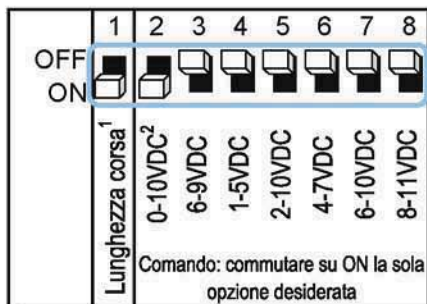


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KA9705B04.800



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# OPZIONI DI CONTROLLO



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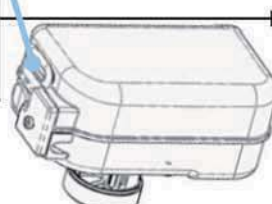
<sup>1</sup>Impostazione di fabbrica: azione inversa (RA), 3,5mm.  
Non modificare se usato con valvole VIR Fig. 9505B

<sup>2</sup>Impostazione di fabbrica



<sup>1</sup>Impostazione di fabbrica

<sup>1</sup>Impostazione di fabbrica



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L'interruttore 4 permette di commutare tra corsa fissa (ON) e rilevamento automatico (OFF, impostazione di fabbrica). Se l'attuatore è impostato su rilevamento automatico impostare l'interruttore 6 su ON per forzare l'apprendimento ad ogni accensione o su OFF per mantenere l'apprendimento precedente.

All'aumentare del segnale (voltaggio o corrente) l'impostazione "azione diretta" (DA) fa estendere lo stelo, l'impostazione "azione inversa" (RA) lo fa ritrarre.



# IVR 348

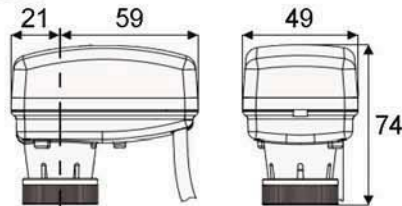
Modulating electromechanical linear actuator  
 M30x1,5 threaded connection  
 Max stroke 6,3mm, auto stroke detection  
 Auto-zero self calibration  
 Stroke time 8sec./mm, thrust 130N  
 With 2m electric wire  
 Enclosure protection IP43  
 CE compliant

Power supply 50Hz or 60Hz, 24V AC/DC, power 1,5W  
 0-10V control signal  
 (adjustable for 0-5VDC, 5-10VDC, 2-10VDC, 0-20mA o 4-20mA)  
 Linear characteristic (adjustable for equal-percentage characteristic)  
 Working ambient temperature: 0° to +50°C  
 Working fluid temperature: 0° to +95°C



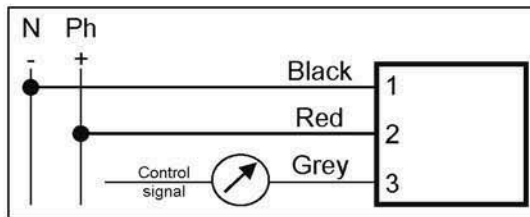
## DIMENSIONS

Dimension in mm, weight 0,2kg



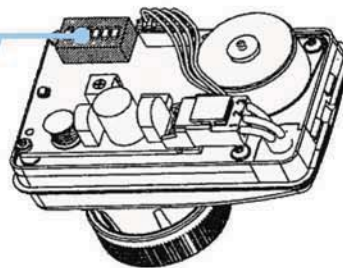
## WIRING DIAGRAM

Ref.	Designation
N	Wiring to neutral
Ph	Wiring to phase
+	Wiring to + pole
-	Wiring to - pole



## CONTROL OPTIONS

2-10VDC 4-20mA (switch #6)		DA	Equip.	mA
5-10VDC				
0-5VDC		RA <sup>1</sup>	Linear <sup>1</sup>	VDC <sup>1</sup>
0-10VDC <sup>1</sup> 0-20mA (switch #6)	ON OFF	Action	Curve	Type
	Control signal			



When the signal (voltage or current) increases the stem extends with the "Direct Acting" (DA) setting or retracts with the "Revers Acting" (RA) setting. The setting can be modified by acting on switch #4

<sup>1</sup>Factory setting

Electromechanical linear actuator  
 Manual override  
 M30x1,5 threaded connection  
 With 1,5m electric wire  
 Enclosure protection IP43  
 CE compliant

Power supply 50Hz or 60Hz  
 Versions for 230VAC or 24VAC available  
 3 points control or 0-10VDC control (adjustable for other signals)  
 Working temperature: -5° to +55°C

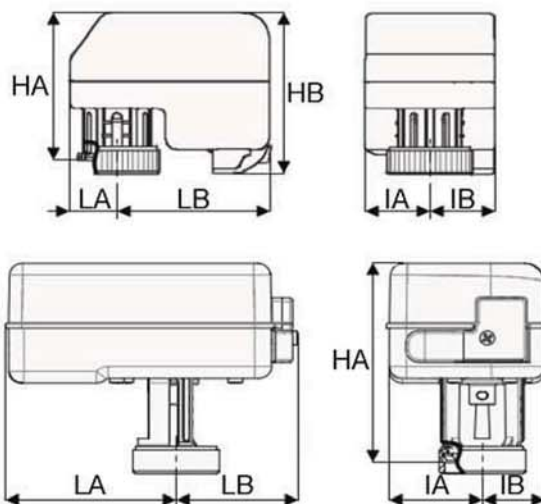


## TECHNICAL DATA

P. supply	Control	Thrust	Stroke	Power	Trav. time
230VAC	3 points	200N	5,5mm	5,0W	≈2,0min
24VAC	3 points	200N	5,5mm	0,5W	≈2,0min
24VAC	modulating	200N	5,0mm	1,0W	≈2,0min
230VAC	3 points	300N	16,0mm	1,1W	≈3,0min
24VAC	3 points	300N	16,0mm	2,2W	≈3,0min
24VAC	modulating	300N	16,0mm	3,0W	≈3,0min

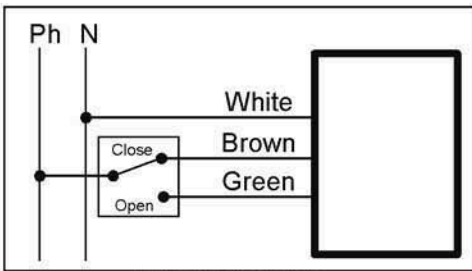
## DIMENSIONI

HA	HB	LA	LB	IA	IB	Weight
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[g]
62	68	18	59	25	25	200
62	68	18	59	25	25	200
62	68	18	59	25	25	200
82	-	65	47	37	25	250
82	-	65	47	37	25	250
82	-	65	47	37	25	250

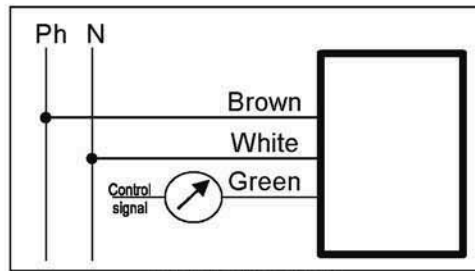


# WIRING DIAGRAMS

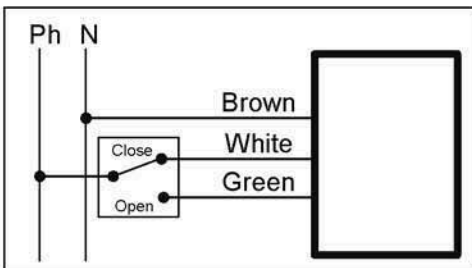
Ref.	Designation
N	Wiring to neutral
Ph	Wiring to phase



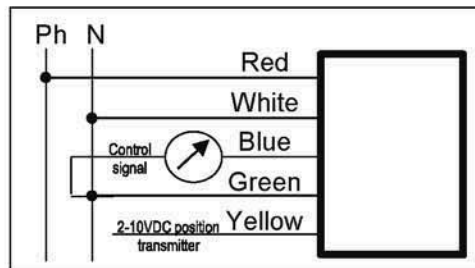
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KA9705B01.800



KA9705B02.800



KA9705B03.800 e  
KA9705B04.800



KA9705B05.800

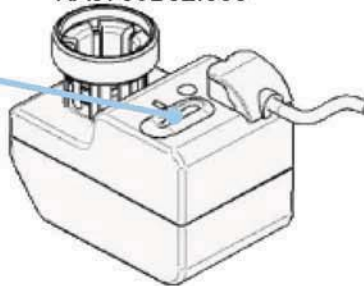
# CONTROL OPTIONS

	1	2	3	4	5	6	7	8
OFF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stroke length <sup>1</sup>		0-10VDC <sup>2</sup>	6-9VDC	1-5VDC	2-10VDC	4-7VDC	6-10VDC	8-11VDC
Control: switch to ON the desired option only								

<sup>1</sup>Factory setting: reverse acting (RA) 3,5mm.  
Don't change if used with Fig. 9505B valves.

<sup>2</sup>Factory setting

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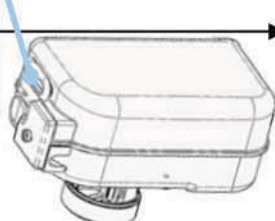
	1	2	3	4	5	6
OFF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ON: RA <sup>1</sup> ; OFF: DA						
Control						
Stroke						
Control						
Stroke						
Switch according to instructions						

<sup>1</sup>Factory setting

<sup>1</sup>Factory setting

Switch 4 allows you to select either the fixed stroke (ON) or the auto stroke detection (OFF, the factory setting). If the actuator is set on auto stroke detection, it's possible to act on switch 6. By switching it ON this will force a detection cycle with each activation, and by switching it OFF this will keep the output of the previous detection.

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When the signal (voltage or current) increases the stem extends with the "Direct Acting" (DA) setting or retracts with the "Reverse Acting" (RA) setting.