



Linear thermoelectric actuator with threaded connection  
M30x1,5 threaded nut with fast connection  
With 1m electric wire  
Enclosure protection IP54  
CE compliant

Available in the following versions:

- 2 points control, 230VAC
- 2 points control, 24V AC/DC
- 0-10VDC control signal, 24VAC

Power supply 50Hz or 60Hz

2 point control versions normally closed (NC)

(normally open (NO) version available on request)

Working temperature: 0°C to +60°C



Type 1



Type 2



## TECHNICAL DATA

VIR Code	P. supply <sup>1</sup>	Control	Thrust	Stroke	Power	Trav. time
KA952AT02.800 <sup>2</sup>	24V AC/DC	2 points	100N	4,0mm	1,8W	≈3,5min
KA952AT50.800	230VAC	2 points	100N	5,0mm	1,0W	≈4,0min
KA952AT52.800	24V AC/DC	2 points	100N	5,0mm	1,0W	≈4,0min
KA952AT09.800	24VAC	0-10V	100N	3,4mm	1,0W	30sec./mm
KA952AT05.800	230VAC	2 points	125N	6,5mm	1,2W	≈4,5min
KA952AT07.800	24V AC/DC	2 points	125N	6,5mm	1,2W	≈4,5min
KA952AT10.800	24VAC	0-10V	125N	5,2mm	1,2W	30sec./mm
KA952AT11.800	24VAC	0-10V	125N	Max 6,5mm <sup>3</sup>	1,2W	30sec./mm

<sup>1</sup>±10%

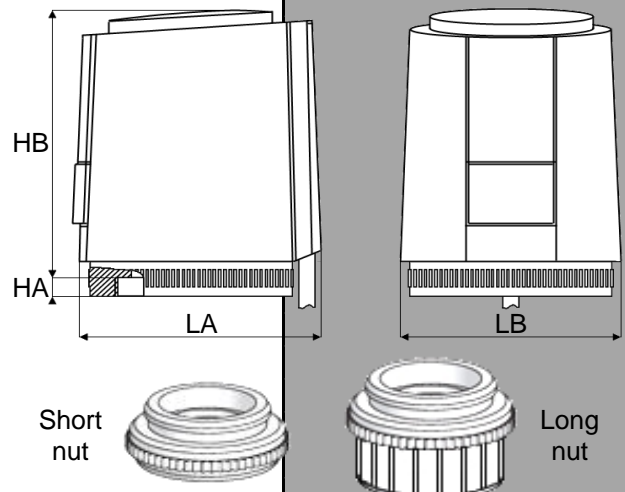
<sup>2</sup>Type 2

<sup>3</sup>With auto stroke detection

## DIMENSIONS

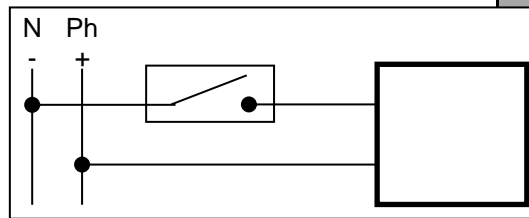
VIR Code	HA [mm]	HB [mm]	LA [mm]	LB [mm]	Weight [g]
KA952AT02.800	4,3	54,0	48	44	115
KA952AT50.800	4,3	57,3	48	44	100
KA952AT52.800	4,3	57,3	48	44	100
KA952AT09.800	4,3	58,1	62	44	111
KA952AT05.800	4,3 / 7,5 <sup>1</sup>	67,4 / 76,9 <sup>1</sup>	48	44	110
KA952AT07.800	4,3 / 7,5 <sup>1</sup>	67,4 / 76,9 <sup>1</sup>	48	44	110
KA952AT10.800	4,3	68,2	64	44	111
KA952AT11.800	4,3	68,2	64	44	111

<sup>1</sup>With short nut / with long nut

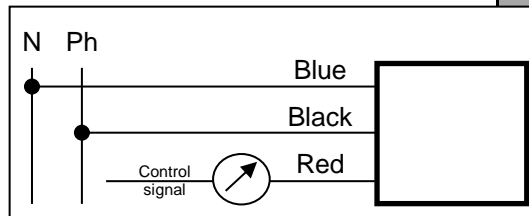
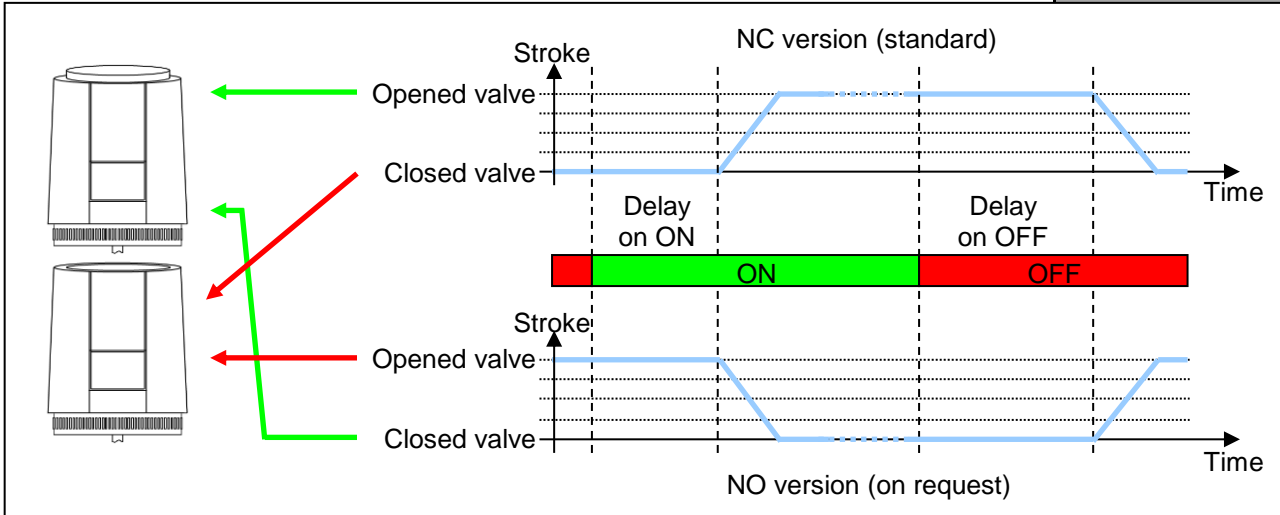


# WIRING DIAGRAM

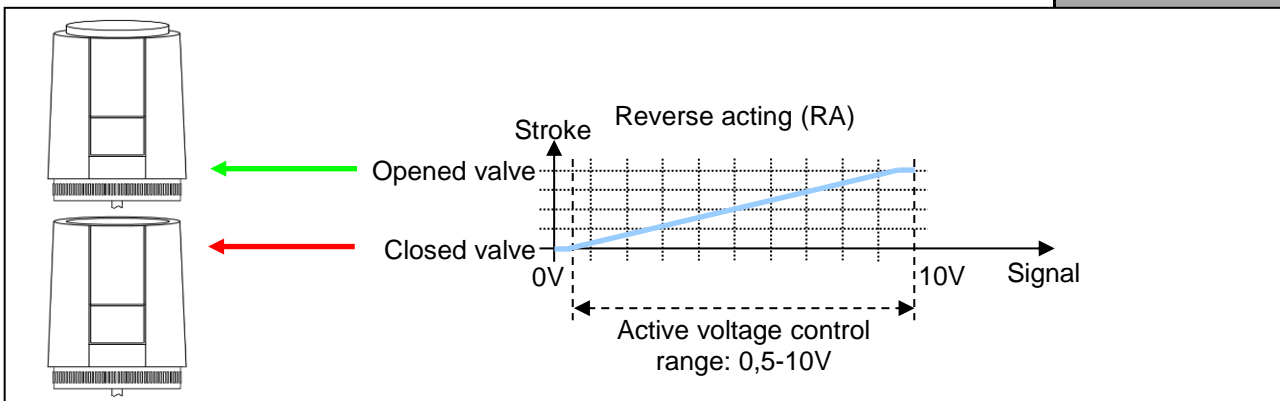
Ref.	Designation
N	Wiring to neutral
Ph	Wiring to phase



KA952AT02.800,  
KA952AT50.800, KA952AT52.800,  
KA952AT05.800, KA952AT07.800



KA952AT09.800, KA952AT10.800, KA952AT11.800



# FITTING VIR VALVES

VIR Code	9520 series valves	9920 series valves	9700 series valves
KA952AT02.800	L 015, 015, 020	015, H 015, L 020, 020, 025	-
KA952AT50.800	L 015, 015, 020	015, H 015, L 020, 020, 025	L 015, 015, 020 <sup>1</sup>
KA952AT52.800	L 015, 015, 020	015, H 015, L 020, 020, 025	L 015, 015, 020 <sup>1</sup>
KA952AT09.800	-	-	L 015, 015, 020 <sup>1</sup>
KA952AT05.800	L 015, 015, 020, 025	H 015, 020, 025	L 015, 015, 020, 025, 032
KA952AT07.800	L 015, 015, 020, 025	H 015, 020, 025	L 015, 015, 020, 025, 032
KA952AT10.800	-	-	025, 032
KA952AT11.800	-	-	L 015, 015, 020, 025, 032

<sup>1</sup>For better shut-off performances we suggest the use of 125N models on DN20



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