

# Vaurien-MFS

Modulating Electromechanical Linear Actuator



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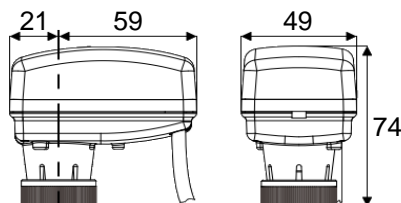
Modulating electromechanical linear actuator  
M30x1,5 threaded connection  
Max stroke 6,3mm, auto stroke detection  
Auto-zero self calibration  
Stroke time 8sec./mm, thrust 130N  
With 1,5m electric wire  
Enclosure protection IP54  
CE compliant

Power supply 50Hz or 60Hz, 24V AC/DC, power 1,5W  
0-10V control signal, position feedback  
(adjustable for 0-5VDC, 5-10VDC, 2-10VDC, 0-20mA o 4-20mA)  
Linear characteristic (adjustable for equal-percentage characteristic)  
Electrical failsafe with supercapacitor (charging in 150s)  
Working ambient temperature: 0° to +50°C  
Working fluid temperature: 0° to +95°C



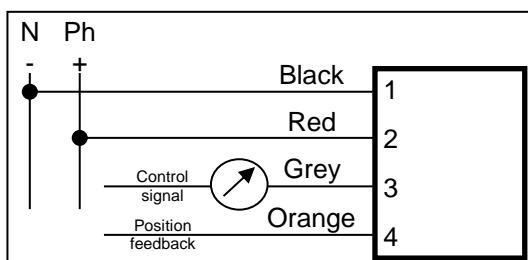
## DIMENSIONS

Dimension in mm, weight 0,2kg



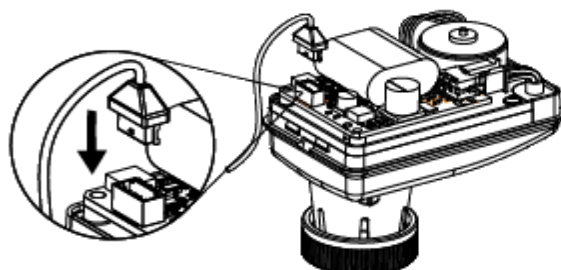
## WIRING DIAGRAM

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



## CONTROL OPTIONS

2-10VDC 4-20mA	DA	Equip.	mA	Up
5-10VDC				
0-5VDC	RA <sup>1</sup>	Linear <sup>1</sup>	VDC <sup>1</sup>	Down <sup>1</sup>
0-10VDC <sup>1</sup> 0-20mA				
Controllo signal	Action	Curve	Type	Fail Safe



When the signal (voltage or current) increases the stem extends with the "Direct Acting" (DA) setting or retracts with the "Revers Acting" (RA) setting. In the absence of electricity, the fail Safe Down extends the stem. The settings are customizable by connecting the configurator.



<sup>1</sup>Factory settings