



## 1.Features

Microprocesseur control automatic

Automatic ajustement of limit switches upon commissioning

Indestructible travel measurement system, joule effect

Wire break recognition in 2...10Vdc and 4...20mA operation

Reversible continuous signals

Hysteresis of 0,3V in continuous operation (fixed vallue)

Double isolation at 230 Vac,unnecessary connection to earth (PE)

Manual control using a dial and mechanical positin indication

Power interrupted during manual operation

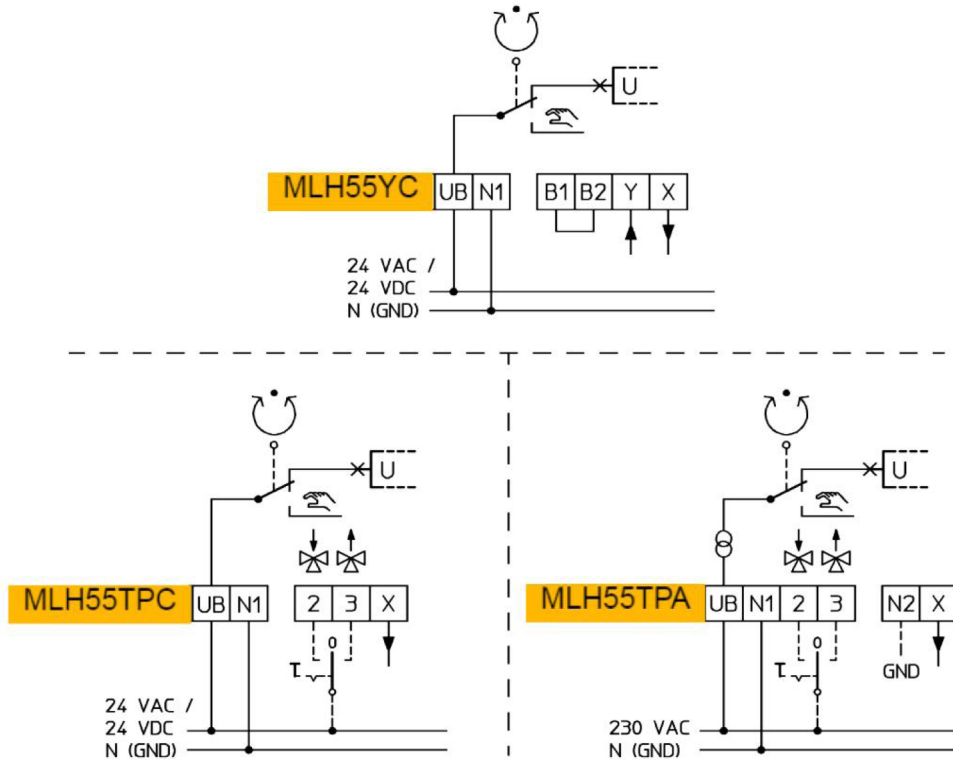
## Technical data

		<b>MC55TPC</b>	<b>MC55TPA</b>	<b>MC55YC</b>
Actuating time <sup>1)</sup>	s/mm	9 . 5*	9 . 5*	9 . 5*
Couple	kN	0,6	0,6	0,6
Stroke	mm	max. 20	max. 20	max. 20
Power supply	Vac	24 ±10%	230 +6% -10%	24 ±10%
Power supply <sup>2)</sup>	Vdc	24 ±10%	-	24 ±10%
Frequency	Hz	50/60 ±5%	50/60 ±5%	50/60 ±5%
Power consumption	VA	3	7	3
Input signal		3	3	0(2) ... 10Vdc 70 kΩ 0(4) ... 20 mA 0,51 kΩ
Output signal		0 ... 10Vdc max. 8 mA min. 1200 Ω	0 ... 10Vdc max. 8 mA min. 1200 Ω	0 ... 10Vdc max. 8 mA min. 1200 Ω
Hysteresis	V	0,3	0,3	0,3

Protection	IP 54 in automatic operation IP 30 in manual operation
Precision	Electric 0,04 Vdc Mécanical 0,06 mm
Electrical connection	Actuator with terminal block
Operating mode	S3-50% ED c/h 1200 EN 60034-1
Stopping the limit switches	Load dependent
Permissible temperature	0 ... +60°C
Weight	1,5 kg

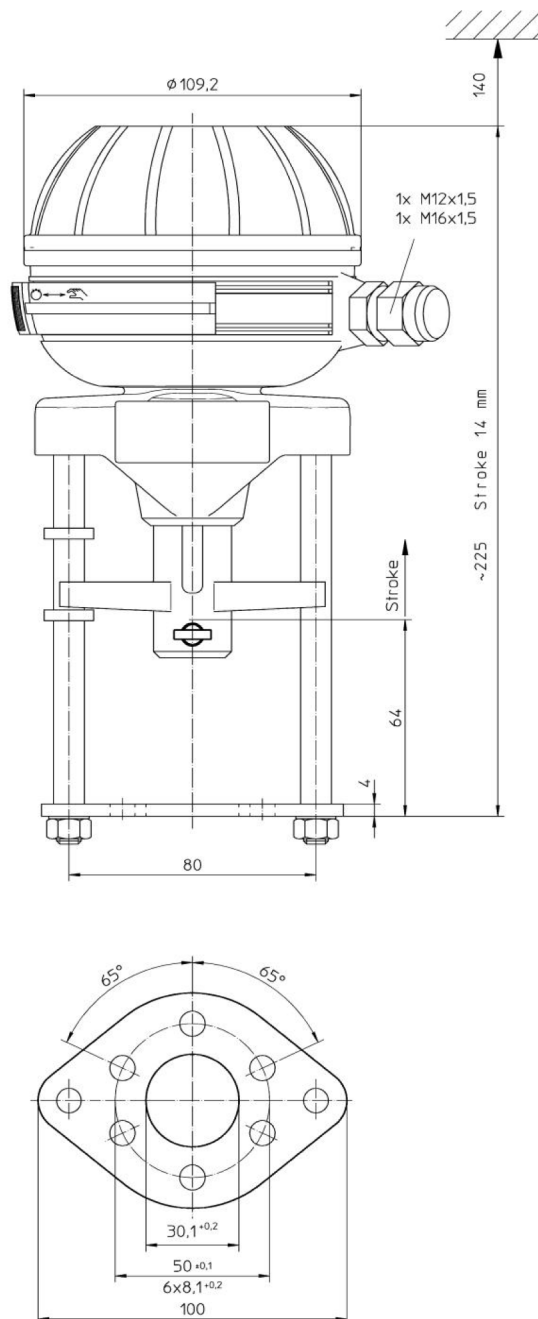
<sup>1)</sup> Course réglable, \* préréglage usine

**Connection Diagram**



**Note:** Opening bridge B1/B2 activates the motor with fluid passing between channels A and AB (for example, antifreeze protection).

## Dimensions



## Selection of the index depending on the installation of the motorized valve

### 1. Inside a building

- a) Dry and frost-free premises ..... Protection  $\geq$  IP30
- b) Industrial premises without risk of splashing water ..... Protection  $\geq$  IP54
- c) Humid and/or frost-free premises ..... Protection  $\geq$  IP65 + résistance anti-condensation
- d) Industrial premises with risk of splashing water..... Protection  $\geq$  IP65 + résistance anti-condensation + capotage moteur isolant

### 2. Outside under cover

Protection  $\geq$  IP65 + anti-condensation resistor

### 3. Outside without shelter

Protection  $\geq$  IP65 + anti-condensation resistance + insulating motor cover