



General information

Reliable and simple solution for most applications. Control can be performed both laterally and vertically, at maximum and minimum levels.

Functioning

The operation of this controller is centered around a slow-speed synchronous gearmotor. On the product side there is a paddle driven by the gearmotor, to which it is attached by a double-support shaft. When the product reaches the paddle and the paddle encounters resistance to its rotation, the gearmotor rotates on its own axis, activating two microswitches, one disconnects the motor and the other acts on the control mechanisms. When the paddle is free of product, the gearmotor is connected again, inverting the control signal.

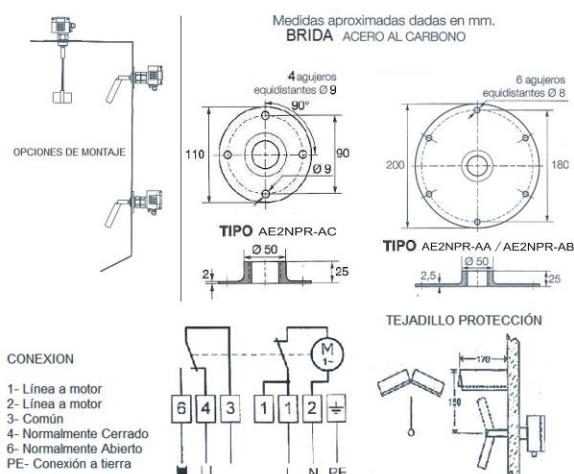
Location and assembly

The controller should be positioned so that the incoming product reaches the pallet when the container is filled and leaves it free when it is emptied.

Direct product drop onto the pallet should be avoided. Where the incoming material flow may hit the pallet, it is advisable to protect it with a protective canopy.

Connection

The terminals on the left correspond to the control microswitch and with the blade in motion. Check if the connection voltage corresponds to that indicated on the circuit board. The motor must be permanently supplied with voltage during the work process. The motor will automatically switch off when the blades are stopped.



Technical characteristics

* 24VDC option on request

Name / Reference	Body / cover	Type	Working temperature	Power Supply	Switch	Cable Entry	Protection
AE2NPR-AA AE203703011	Aluminum RAL7001	Rotary vanes	-20 a +60°C	220-240VAC	Unipolar inverter up to 2A/250VAC	2 x M20	IP66
AE2NPRX-AA AE203703011X	Stainless steel	Rotary vanes	-20 a +60°C	220-240VAC	Unipolar inverter up to 2A/250VAC	2 x M20	IP66
AE2NPRX-AB AE203703012	Aluminum RAL7001	Rotary vanes UF 800 mm	-20 a +60°C	220-240VAC	Unipolar inverter up to 2A/250VAC	2 x M20	IP66
AE2NPRX-AB AE203703012X	Stainless steel	Rotary vanes UF 800 mm	-20 a +60°C	220-240VAC	Unipolar inverter up to 2A/250VAC	2 x M20	IP66
AE2NPRX-AB AE203703013	Aluminum RAL7001	Rotary vanes UF 1200 mm	-20 a +60°C	220-240VAC	Unipolar inverter up to 2A/250VAC	2 x M20	IP66
AE2NPRX-AB AE203703013X	Stainless steel	Rotary vanes UF 1200 mm	-20 a +60°C	220-240VAC	Unipolar inverter up to 2A/250VAC	2 x M20	IP66
AE2NPRX-AC AE203703015	Aluminum RAL7001	Rotary vane	-20 a +60°C	220-240VAC	Unipolar inverter up to 2A/250VAC	2 x M20	IP66
AE2NPRX-AC AE203703015X	Stainless steel	Rotary vane	-20 a +60°C	220-240VAC	Unipolar inverter up to 2A/250VAC	2 x M20	IP66

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