

Variable frequency drive

Applications

Assembled on a pump, booster set or installed on the wall, adjust the speed automatically to maintain the constant pressure and flow that apartment, building or installation demands at every moment.



Materials

Body in aluminium.
Front cover in technopolymer.

Equipment and features

IPX5 protection.
Maximum ambient temperature 40 °C.
Air cooled motor.
Maximum 4 pumps.
USB port for updating the device's firmware.
Adjustable working frequency.
Inputs:
- 1 analogue 4-20mA with 24V DC power supply.
- 1 digital for the level switch.
Outputs:
- 1 alarm signal.
- Potential-free output (FVC), maximum 1A, NA/NC contacts.
Communication serial port RS 485.
M22 with 2m of cable with plug type F.
T22 and T55 no cable.



Protections

Dry-run protection with automatic reset.
Detection of pressure transducer failure.
Overcurrent and short-circuit with automatic reset.
Power supply voltage with automatic reset.
Internal overtemperature with automatic reset.
Earthing and motor phase error.
Communication error.



Pressure transducer*
Device for digital pressure reading

Feature table

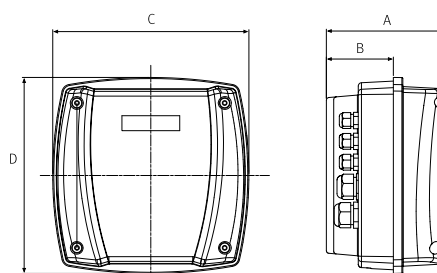
Model	Input				Output				Code
	Power source voltage [V]	Power frequency [Hz]	Maximum motor current [A]	Recommended line protection [A]	Maximum motor power [kW]	Maximum motor current [A]	Motor voltage [V]	Motor frequency [Hz]	
Speedrive V2 M22	1~ 220V	50/60	16	25	2,2	10	3~ 220V	50/60	00203323
Speedrive V2 T22	3~ 440V	50/60	7	10	2,2	6	3~ 440V	50/60	00205490
Speedrive V2 T55	3~ 440V	50/60	15	20	5,5	14	3~ 440V	50/60	00203321

Accessories

Model	Code
Pressure transducer 4- 20 mA 1/4 G 10 bar	00176579
Wall installation kit	00209380

Dimension and weight

Model	A	B	C	D	Kg
Speedrive V2 M22	178	71	207	207	3,4
Speedrive V2 T22	142	85	207	207	2,7
Speedrive V2 T55	142	85	207	207	2,7



*Pressure transducer is required for operation.