

Speedrive V2 **Booster**



Variable frequency drive

Applications

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

Materials

Body in aluminium.
Front cover in technopolymer.

Equipment and features

Protection IP X5.
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 running with automatic reset.
Detection of pressure transducer failures.
Overcurrent and short-circuit with automatic reset.
Power supply voltage with automatic reset.
Overtemperature with automatic reset.
Earthing and engine phase error.
Communication error.



Pressure transducer*

Device for digital pressure reading

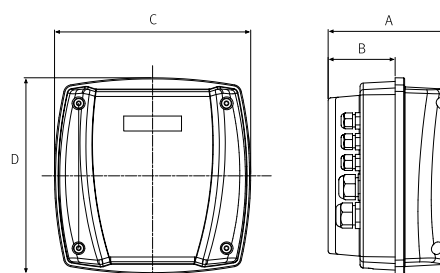
Feature table

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~ 230V	50/60	16	25	2,2	10	3~ 230V	50/60	203323
Speedrive V2 T22	3~ 400V	50/60	7	10	2,2	6	3~ 400V	50/60	205490
Speedrive V2 T55	3~ 400V	50/60	15	20	5,5	14	3~ 400V	50/60	203321

Model	Code
Pressure transducer 4- 20 mA 1/4 G 10 bar	176579

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 essential for proper operation.

Automatic set with variable speed for water supply

Applications

Automatic pumping of clean water for domestic, industrial, agricultural and gardening purposes.

Operation

Self-adjustable speed to maintain the constant pressure and flow that apartment, building or installation demand at every moment.



Prisma ESD

Model	P2		Maximum head [m]	Maximum flow [m³/h]	Pump code 3~230V/400V	Speedrive V2 code	
	[kW]	[HP]				1~230V	3~400V
Prisma 25 3 ESD	0,75	1	35	7	97175	203323	205490
Prisma 25 4 ESD	0,92	1,25	45	7	97185	203323	205490
Prisma 25 5 ESD	1,1	1,5	57	7	97194	203323	205490
Prisma 25 6 ESD	1,5	2	68	7	97202	203323	205490
Prisma 35 3N ESD	0,75	1	43	9	129346	203323	205490
Prisma 35 4N ESD	1,1	1,5	56	9	129347	203323	205490
Prisma 35 5N ESD	1,5	2	70	9	129348	203323	205490
Prisma 35 6N ESD	2,2	3	84	9	129349	203323	205490
Prisma 45 3N ESD	1,1	1,5	38	15	132084	203323	205490
Prisma 45 4N ESD	1,5	2	50	15	132085	203323	205490
Prisma 45 5N ESD	2,2	3	63	15	132086	203323	205490



Multi ESD

Model	P2		Maximum head [m]	Maximum flow [m³/h]	Pump code 3~230V/400V	Speedrive V2 code	
	[kW]	[HP]				1~230V	3~400V
Multi 25 3 ESD	0,55	0,75	46	5	134929	203323	205490
Multi 25 4 ESD	0,75	1	59	5	134930	203323	205490
Multi 25 5 ESD	0,92	1,25	74	5	134931	203323	205490
Multi 35 3N ESD	0,75	1	40	10,5	129338	203323	205490
Multi 35 4N ESD	1,1	1,5	55	10,5	129339	203323	205490
Multi 35 5N ESD	1,5	2	67	10,5	129340	203323	205490
Multi 35 6N ESD	2,2	3	83	10,5	129341	203323	205490
Multi 35 8N ESD	3	4	110	10,5	129342	-	203321
Multi 35 10N ESD	4	5,5	138	10,5	129337	-	203321
Multi 55 3N ESD	1,5	2	38	18	131484	203323	205490
Multi 55 4N ESD	2,2	3	51	18	131485	203323	205490
Multi 55 6N ESD	3	4	79	18	131486	-	203321
Multi 55 7N ESD	4	5,5	93	18	131487	-	203321



Multi VE ESD

Model	P2		Maximum head [m]	Maximum flow [m³/h]	Pump code 3~230V/400V	Speedrive V2 code	
	[kW]	[HP]				1~230V	3~400V
Multi VE 94 6 ESD	1,5	2	58	13,5	97746	203323	205490
Multi VE 94 8 ESD	2,2	3	77	13,5	97759	203323	205490
Multi VE 94 10 ESD	3	4	95	13,5	97710	-	203321
Multi VE 94 11 ESD	3	4	108	13,5	97717	-	203321
Multi VE 94 13 ESD	4	5,5	125	13,5	97726	-	203321
Multi VE 94 14 ESD	5,5	7,5	135	13,5	97729	-	203321
Multi VE 121 2N ESD	3	4	33	27,5	203425	-	203321
Multi VE 121 3N ESD	4	5,5	50	27,5	203427	-	203321
Multi VE 121 4N ESD	5,5	7,5	66	27,5	203429	-	203321
Multi VE 121 5N ESD	5,5	7,5	83	27,5	203431	-	203321



Multi VE 94

Multi VE 121N

Pressure transducer and water tank not included. Essentials for proper operation.