

★ **Smart Exclusive D**

Controller with microprocessor for controlling up to 4 pump single or three-phase motors. Exclusive D controller allows you to manage your system, configure the parameters, logs events and messages with practically and multifunctional. (Pressurization, Emptying, filling in waste and clean water applications)

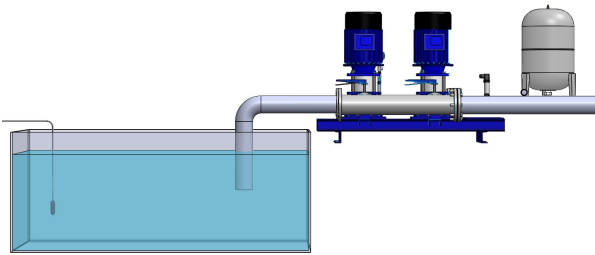


- ◇ Operating and monitoring the system from remote location with using 3G / WI-FI App Module
- ◇ Easy and quick set-up features with navigation buttons and readable LCD display
- ◇ Different types of connections to start and stop motor such as; pressure switches, float switch or level electrode

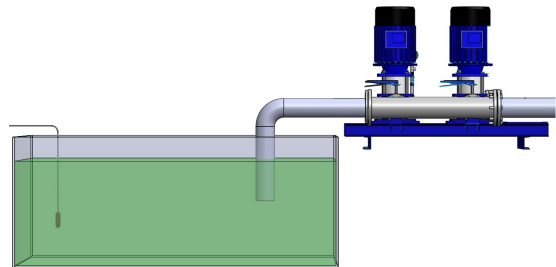
Technical Features

- Metallic / IP 54
- Main switch with locking mechanism
- Power supply 1-50/60Hz 230V $\pm\%15$
- Power supply 3-50/60Hz 400V $\pm\%15$
- 128 x 64 LCD Graphical Display
- Green LED for Motor Running / Red LED for failures
- Input for start command
- Displays Auto—Man Status
- Volt, Ampere, Alarms, Pressure, Events and Date & Time Screen on Home Page
- Protections and Failures;
 - Motor Overcurrent / Low current (Adjustable)
 - Phase Loss and incorrect sequence
 - Min / Max Voltage (Adjustable)
 - Motor starting time
 - Over Float function
 - Dry running protection
- Motor protection fuses
- Line Contactor AC3
- Displays pump run time
- Display and adjust to Maintenance time
- Password protection for un-authorized people access.
- USB port for downloading failures, messages, events and alarms with date&time. (Last 500)
- MODBus Connection

Applications



Pressure Transmitter



Floater Control

Technical Data

Smart Exclusive D 3

Smart Exclusive D 3		VOLTAGE	MAX		CURRENT		BOX DIMENSIONS				WEIGHT
	CODE	V-	kW	Hp	Ran-	Max	D	E	G	Material	KG
Smart Exclusive D 3 / Mono	1071	1 - 230	2.2	3	0-18	18	600	400	200	Metallic	
Smart Exclusive D 3 - 4/ Tri	15001	3 - 400	4	5.5	0-8.6	8.6	600	400	200	Metallic	
Smart Exclusive D 3 - 5.5 / Tri	15002	3 - 400	5.5	7.5	0-11.6	11.6	600	400	200	Metallic	
Smart Exclusive D 3 - 7.5 / Tri	15003	3 - 400	7.5	10	0-15.8	15.8	600	400	200	Metallic	
Smart Exclusive D 3 - 11 / Tri	15004	3 - 400	11	15	0-25	25	600	400	200	Metallic	
Smart Exclusive D 3 - 15 / Tri	15005	3 - 400	15	20	0-32	32	600	400	200	Metallic	

Smart Exclusive D 3

Smart Exclusive D 4		VOLTAGE	MAX POWER		CURRENT		BOX DIMENSIONS				WEIGHT
	CODE	V-	kW	Hp	Range (A)	Max (A)	D	E	G	Material	KG
Smart Exclusive D 4 / Mono	1081	1 - 230	2.2	3	0-18	18	600	400	200	Metallic	
Smart Exclusive D 4 - 4/ Tri	15201	3 - 400	4	5.5	0-8.6	8.6	600	400	200	Metallic	
Smart Exclusive D 4 - 5.5 / Tri	15202	3 - 400	5.5	7.5	0-11.6	11.6	600	400	200	Metallic	
Smart Exclusive D 4 - 7.5 / Tri	15203	3 - 400	7.5	10	0-15.8	15.8	600	400	200	Metallic	
Smart Exclusive D 4 - 11 / Tri	15204	3 - 400	11	15	0-25	25	600	400	200	Metallic	
Smart Exclusive D 4 - 15 / Tri	15205	3 - 400	15	20	0-32	32	600	400	200	Metallic	

*It is possible to realize the panel for 18.5 kW and largest capacity according to demand

**Please contact us for custom design production

Optional Accessories

Floater



Model	mt
F-S/5	5
P-T/10	10
P-T/15	15
P-T/20	20

Level Electrode



Model	Power (V)	Range
L-E/5	12	10 Bar

Pressure Switch



Model	Range	Range Settings
P-S/10	1-5 Bar	10 Bar
P-S/16	3-12 Bar	16 Bar
P-S/25	2-14 Bar	25 Bar

★ Smart Exclusive S

Controller with microprocessor for controlling up to 4 pump single or three-phase motors by star delta starting method. Exclusive controller allows you to manage your system, configure the parameters, logs events and messages with practically and multifunctional. (Pressurization, Emptying, filling in waste and clean water applications).

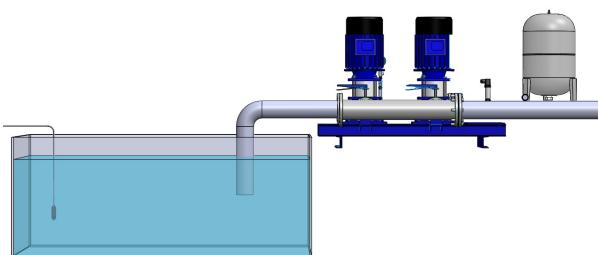
- ◇ Operating and monitoring the system from remote location with using 3G / WI-FI App Module
- ◇ Easy and quick set-up features with navigation buttons and readable LCD display
- ◇ Different types of connections to start and stop motor such as; flow switch, level electrode, pressure switch and sensors



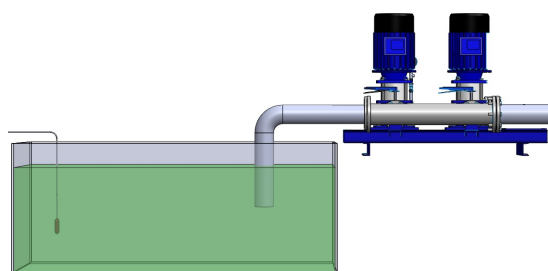
Technical Features

- Metallic / IP 54
- Main switch with locking mechanism
- Power supply 1-50/60Hz 230V $\pm 15\%$
- Power supply 3-50/60Hz 400V $\pm 15\%$
- 128 x 64 LCD Graphical Display
- Green LED for Motor Running / Red LED for failures
- Input for start command
- Displays Auto—Man Status
- Volt, Ampere, Alarms, Events and Date & Time Screen on Home Page
- Protections and Failures;
 - Motor Overcurrent / Low current (Adjustable)
 - Phase Loss and incorrect sequence
 - Min / Max Voltage (Adjustable)
 - Motor starting time
 - Over Float function
 - Dry running protection
- Motor protection fuses
- Star Delta Contactor AC3
- Displays pump run time
- Display and adjust to Maintenance time
- Password protection for un-authorized people access.
- USB port for downloading failures, messages, events and alarms with date&time. (Last 500)
- Adjustable weekly test run
- MODBus Connection
- Solenoid Valve output

Applications



Pressure Transmitter



Floater Control

Technical Data

Exclusive S 1

Exclusive S 1		VOLTAGE	MAX		CURRENT		BOX DIMENSIONS				WEIGHT
	CODE	V-	kW	Hp	Range (A)	Max (A)	D	E	G	Material	KG
Exclusive S 1 - 7.5 / Tri	16001	3 - 400	7.5	10	0-15.8	15.8	400	300	175	ABS	
Exclusive S 1 - 11 / Tri	16002	3 - 400	11	15	0-25	25	400	300	175	ABS	
Exclusive S 1 - 15 / Tri	16003	3 - 400	15	20	0-31.9	31.9	600	400	200	Metallic	
Exclusive S 1 - 18.5 / Tri	16004	3 - 400	18.5	25	0-37.1	37.1	600	400	200	Metallic	
Exclusive S 1 - 22 / Tri	16005	3 - 400	22	30	0-42.7	42.7	600	400	200	Metallic	
Exclusive S 1 - 30 / Tri	16006	3 - 400	30	40	0-57.6	57.6	600	400	200	Metallic	
Exclusive S 1 - 37 / Tri	16007	3 - 400	37	50	0-70.2	70.2	600	400	200	Metallic	
Exclusive S 1 - 45 / Tri	16008	3 - 400	45	60	0-83.5	83.5	700	500	200	Metallic	
Exclusive S 1 - 55 / Tri	16009	3 - 400	55	75	0-100.9	100.9	700	500	200	Metallic	
Exclusive S 1 - 75 / Tri	16010	3 - 400	75	100	0-140.7	140.7	700	500	200	Metallic	
Exclusive S 1 - 90 / Tri	16011	3 - 400	90	125	0-165.1	165.1	800	600	290	Metallic	
Exclusive S 1 - 110 / Tri	16012	3 - 400	110	150	0-201.9	201.9	800	600	290	Metallic	
Exclusive S 1 - 132 / Tri	16013	3 - 400	132	180	0-242.2	242.2	1000	700	320	Metallic	
Exclusive S 1 - 160 / Tri	16014	3 - 400	160	220	0-290.6	290.6	1000	700	320	Metallic	
Exclusive S 1 - 185 / Tri	16015	3 - 400	185	250	0-332.4	332.4	1200	800	340	Metallic	
Exclusive S 1 - 200 / Tri	16016	3 - 400	200	270	0-355.4	355.4	1200	800	340	Metallic	
Exclusive S 1 - 250 / Tri	16017	3 - 400	250	340	0-444.3	444.3	1200	800	340	Metallic	
Exclusive S 1 - 315 / Tri	16018	3 - 400	315	430	0-553.6	553.6	1300	900	360	Metallic	
Exclusive S 1 - 355 / Tri	16019	3 - 400	355	485	0-623.9	623.9	1300	900	360	Metallic	
Exclusive S 1 - 400 / Tri	16020	3 - 400	400	544	0-703	703	1300	900	360	Metallic	

Exclusive S 2

Exclusive S 2		VOLTAGE	MAX POWER		CURRENT		BOX DIMENSIONS				WEIGHT
	CODE	V-	kW	Hp	Range (A)	Max (A)	D	E	G	Material	KG
Exclusive S 2 - 7.5 / Tri	16201	3 - 400	7.5	10	0-15.8	15.8	600	400	200	Metallic	
Exclusive S 2 - 11 / Tri	16202	3 - 400	11	15	0-25	25	600	400	200	Metallic	
Exclusive S 2 - 15 / Tri	16203	3 - 400	15	20	0-31.9	31.9	600	400	200	Metallic	
Exclusive S 2 - 18.5 / Tri	16204	3 - 400	18.5	25	0-37.1	37.1	600	400	200	Metallic	
Exclusive S 2 - 22 / Tri	16205	3 - 400	22	30	0-42.7	42.7	700	500	260	Metallic	
Exclusive S 2 - 30 / Tri	16206	3 - 400	30	40	0-57.6	57.6	700	500	260	Metallic	
Exclusive S 2 - 37 / Tri	16207	3 - 400	37	50	0-70.2	70.2	800	600	290	Metallic	
Exclusive S 2 - 45 / Tri	16208	3 - 400	45	60	0-83.5	83.5	1000	700	320	Metallic	
Exclusive S 2 - 55 / Tri	16209	3 - 400	55	75	0-100.9	100.9	1000	700	320	Metallic	
Exclusive S 2 - 75 / Tri	16210	3 - 400	75	100	0-140.7	140.7	1200	800	340	Metallic	
Exclusive S 2 - 90 / Tri	16211	3 - 400	90	125	0-165.1	165.1	1400	800	340	Metallic	
Exclusive S 2 - 110 / Tri	16212	3 - 400	110	150	0-201.9	201.9	1400	800	340	Metallic	
Exclusive S 2 - 132 / Tri	16213	3 - 400	132	180	0-242.2	242.2	1800	950	360	Metallic	
Exclusive S 2 - 160 / Tri	16214	3 - 400	160	220	0-290.6	290.6	1800	950	360	Metallic	
Exclusive S 2 - 185 / Tri	16215	3 - 400	185	250	0-332.4	332.4	2000	1000	420	Metallic	
Exclusive S 2 - 200 / Tri	16216	3 - 400	200	270	0-355.4	355.4	2000	1000	420	Metallic	
Exclusive S 2 - 250 / Tri	16217	3 - 400	250	340	0-444.3	444.3	2000	1000	420	Metallic	
Exclusive S 2 - 315 / Tri	16218	3 - 400	315	430	0-553.6	553.6	2100	1600	500	Metallic	
Exclusive S 2 - 355 / Tri	16219	3 - 400	355	485	0-623.9	623.9	2100	1600	500	Metallic	
Exclusive S 2 - 400 / Tri	16220	3 - 400	400	544	0-703	703	2100	1600	500	Metallic	

Exclusive S 3

Exclusive S 3		VOLTAGE	MAX POWER		CURRENT		BOX DIMENSIONS				WEIGHT
	CODE	V-	kW	Hp	Range (A)	Max (A)	D	E	G	Material	KG
Exclusive S 3 - 7.5 / Tri	16301	3 - 400	7.5	10	0-15.8	15.8	700	500	260	Metallic	
Exclusive S 3 - 11 / Tri	16302	3 - 400	11	15	0-25	25	700	500	260	Metallic	
Exclusive S 3 - 15 / Tri	16303	3 - 400	15	20	0-31.9	31.9	800	600	290	Metallic	
Exclusive S 3 - 18.5 / Tri	16304	3 - 400	18.5	25	0-37.1	37.1	1000	700	320	Metallic	
Exclusive S 3 - 22 / Tri	16305	3 - 400	22	30	0-42.7	42.7	1000	700	320	Metallic	
Exclusive S 3 - 30 / Tri	16306	3 - 400	30	40	0-57.6	57.6	1200	800	340	Metallic	
Exclusive S 3 - 37 / Tri	16307	3 - 400	37	50	0-70.2	70.2	1400	800	340	Metallic	
Exclusive S 3 - 45 / Tri	16308	3 - 400	45	60	0-83.5	83.5	1400	800	340	Metallic	
Exclusive S 3 - 55 / Tri	16309	3 - 400	55	75	0-100.9	100.9	1800	950	360	Metallic	
Exclusive S 3 - 75 / Tri	16310	3 - 400	75	100	0-140.7	140.7	1800	950	360	Metallic	
Exclusive S 3 - 90 / Tri	16311	3 - 400	90	125	0-165.1	165.1	2000	1200	420	Metallic	
Exclusive S 3 - 110 / Tri	16312	3 - 400	110	150	0-201.9	201.9	2000	1200	420	Metallic	
Exclusive S 3 - 132 / Tri	16313	3 - 400	132	180	0-242.2	242.2	2000	1200	420	Metallic	
Exclusive S 3 - 160 / Tri	16314	3 - 400	160	220	0-290.6	290.6	2000	1600	500	Metallic	
Exclusive S 3 - 185 / Tri	16315	3 - 400	185	250	0-332.4	332.4	2000	1600	500	Metallic	
Exclusive S 3 - 200 / Tri	16316	3 - 400	200	270	0-355.4	355.4	2000	1600	500	Metallic	
Exclusive S 3 - 250 / Tri	16317	3 - 400	250	340	0-444.3	444.3	2000	1600	500	Metallic	
Exclusive S 3 - 315 / Tri	16318	3 - 400	315	430	0-553.6	553.6	2200	1600	550	Metallic	
Exclusive S 3 - 355 / Tri	16319	3 - 400	355	485	0-623.9	623.9	2200	1600	550	Metallic	
Exclusive S 3 - 400 / Tri	16320	3 - 400	400	544	0-703	703	2200	1600	550	Metallic	

Exclusive S 2

Exclusive S 4		VOLTAGE	MAX		CURRENT		BOX DIMENSIONS				WEIGHT
	CODE	V-	kW	Hp	Range (A)	Max (A)	D	E	G	Material	KG
Exclusive S 4 - 7.5 / Tri	16401	3 - 400	7.5	10	0-15.8	15.8	800	600	290	Metallic	
Exclusive S 4 - 11 / Tri	16402	3 - 400	11	15	0-25	25	800	600	290	Metallic	
Exclusive S 4 - 15 / Tri	16403	3 - 400	15	20	0-31.9	31.9	800	600	290	Metallic	
Exclusive S 4 - 18.5 / Tri	16404	3 - 400	18.5	25	0-37.1	37.1	1000	700	320	Metallic	
Exclusive S 4 - 22 / Tri	16405	3 - 400	22	30	0-42.7	42.7	1000	700	320	Metallic	
Exclusive S 4 - 30 / Tri	16406	3 - 400	30	40	0-57.6	57.6	1200	800	340	Metallic	
Exclusive S 4 - 37 / Tri	16407	3 - 400	37	50	0-70.2	70.2	1400	800	340	Metallic	
Exclusive S 4 - 45 / Tri	16408	3 - 400	45	60	0-83.5	83.5	1400	800	340	Metallic	
Exclusive S 4 - 55 / Tri	16409	3 - 400	55	75	0-100.9	100.9	1800	950	360	Metallic	
Exclusive S 4 - 75 / Tri	16410	3 - 400	75	100	0-140.7	140.7	1800	950	360	Metallic	
Exclusive S 4 - 90 / Tri	16411	3 - 400	90	125	0-165.1	165.1	2000	1600	500	Metallic	
Exclusive S 4 - 110 / Tri	16412	3 - 400	110	150	0-201.9	201.9	2000	1600	500	Metallic	
Exclusive S 4 - 132 / Tri	16413	3 - 400	132	180	0-242.2	242.2	2000	1600	500	Metallic	
Exclusive S 4 - 160 / Tri	16414	3 - 400	160	220	0-290.6	290.6	2200	1600	550	Metallic	
Exclusive S 4 - 185 / Tri	16415	3 - 400	185	250	0-332.4	332.4	2200	1600	550	Metallic	
Exclusive S 4 - 200 / Tri	16416	3 - 400	200	270	0-355.4	355.4	2200	1600	550	Metallic	
Exclusive S 4 - 250 / Tri	16417	3 - 400	250	340	0-444.3	444.3	2200	1600	550	Metallic	
Exclusive S 4 - 315 / Tri	16418	3 - 400	315	430	0-553.6	553.6	2400	1800	600	Metallic	
Exclusive S 4 - 355 / Tri	16419	3 - 400	355	485	0-623.9	623.9	2400	1800	600	Metallic	
Exclusive S 4 - 400 / Tri	16420	3 - 400	400	544	0-703	703	2400	1800	600	Metallic	

Optional Accessories

Floater



Model	mt
F-S/5	5
P-T/10	10
P-T/15	15
P-T/20	20

Level Electrode



Model	Power (V)	Range
L-E/5	12	10 Bar

Pressure Switch



Model	Range	Range Settings
P-S/10	1-5 Bar	10 Bar
P-S/16	3-12 Bar	16 Bar
P-S/25	2-14 Bar	25 Bar