



Technical Data

Accessories >

> Press. and Flow Control Systems - Flowsystem



DESCRIPTION:

Application

- The FlowSystem coupled to the special 4-way fitting can, within limits, replace the 24-liter expansion tank, with a considerable saving of space. Thanks to a particular mechanism it allows to control the flow, obtaining a continuous operation of the pump with a minimum flow rate higher than 5 lt / min

Features

- Connection: Ø 1"
- Maximum flow: 120 lt/min
- Max pressure: 6 bar
- Max temperature: 40° C

Code	Type
EPS175	Flowsystem

> Press. and Flow Control Systems - Presscontrol



DESCRIPTION:

Application

- Device that replaces the traditional system of the expansion vessel

Main functions

- Starts or stops the pump depending on the opening or closing of the uses
- Stops the pump in case of lack of water
- Eliminates the effects of water hammer
- It keeps the pressure constant during use

Features

- Connection: Ø 1"
- Max pressure: 10 bar
- Max temperature: 65° C

Code	Type	Control pressure setting
EPS100	Presscontrol	1,2
EPS101	Presscontrol	2,2
EPS102	Presscontrol	3,0
EPS105	Presscontrol	2,2 automatic reset

> Press. and Flow Control Systems - Bipolar Pressure Switch



DESCRIPTION:

Application

- It is a switch that closes an electrical circuit when the pressure reaches a minimum calibration value (pump start-up) and opens the same when the pressure reaches the maximum calibration value (pump stop)

Features

- The pressure switches supplied with the autoclave groups are pre-calibrated in relation to the head of the pump. However, it is always possible to change the factory settings for particular needs


Code	Model	Calibration range	
		Minimum (start-up)	Maximum (stop)
Bar			
EPS002	SFSG 2	1,4	2,8
EPS003	SFYG 22	6,0	8,0
EPS051	SFYG 32	8,0	10,5




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> Press. and Flow Control Systems - Wired Pressure Switch

Code	Type	
EPS006	Wired pressure switch, with 0,5 mt H05RN-F cable with forks and PS9C Shuko plug	

> Press. and Flow Control Systems - T-KIT 3-Way

Code	Type	
KRA050	T-KIT 3-way Ø1" with pressure gauge and non-return valve	

> Single-phase Motors Capacitors

µF capacitor	Dimensions mm		Coupling with submersible pump motors		
			4"	5"	
	Ø	Length	Power Hp		
16	35	71	0,50	0,75	
20	40	71	0,75	1,00	
25	45	71	1,00	1,50	
35	45	91	1,50	2,00	
40	45	91	2,00		
50	45	116	3,00		

Working voltage 450 volts

Pumps



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> Submersible Pumps Neoprene Electric Cables - H07 RN_F

Code	Type	Voltage
CVN001	3 x 1 mm ²	400V T
CVN002	3 x 1,5 mm ²	400V T
CVN003	3 x 2,5 mm ²	400V T
CVN016	4 x 1,0 mm ²	400V T
CVN012	4 x 1,5 mm ²	230V M
CVN010	4 x 2,5 mm ²	230V M
CVN008	4 x 4,0 mm ²	230V M
CVN011	4 x 6,0 mm ²	230V M
CVN019	4 x 10,0 mm ²	230V M
CVN023	4 x 16,0 mm ²	230V M
CVN017	4 x 25,0 mm ²	230V M



MAXIMUM PERMISSIBLE LENGTHS FOR H07 RN-F CABLES IN RELATION TO THE DIAMETER OF THE CONDUCTOR AND THE SUPPLY VOLTAGE

Electric current Amps	LUNGHEZZE MASSIME IN METRI	230 V single-phase				400 V three-phase							
		Four-pole cable with cross sectional surface											
		1,5	2,5	4	6	1,5	2,5	4	6	10	16	25	35
mm ²													
2		182				429							
4		90	150			213	354						
6		60	100	160	240	141	235	375					
8		44	75	120	180	105	175	281	420				
10		35	59	95	143	83	139	224	335				
12		29	49	79	119	68	115	185	279	461			
14		24	42	67	102	57	98	158	238	394			
16		21	36	59	89	49	85	137	207	344			
18			32	52	79		74	121	184	306	479		
20							66	108	164	274	431		
25								85	130	218	343	529	
30								69	106	180	285	440	
35									89	153	243	376	512
40									76	132	211	328	446
45										116	186	290	395
50										103	166	260	355
60											136	214	294
70											114	181	250
80												156	216
90												137	190
100												121	169

The tables are calculated assuming a 4% voltage drop along the cable
The capacities of the cables are established for an ambient temperature of 30 °C

Pumps

> Electric Cables Watertight Joints

Code	Description	Specifics mm ²
EKIT001	Joint kit	4 X 1 - 2,5
EKIT003	Joint kit	4 X 4 - 6
EKIT005	Joint kit	4 X 4 - 10
EKIT007	Joint kit	4 X 4 - 16



GIUNTA8	Watertight assembled joint	4 x 1
GIUNTA7	Watertight assembled joint	4 x 1,5
GIUNTA9	Watertight assembled joint	4 x 2,5
GIUNTA10	Watertight assembled joint	4 x 4
GIUNTA11	Watertight assembled joint	4 x 6
GIUNTA12	Watertight assembled joint	4 x 10
GIUNTA13	Watertight assembled joint	4 x 16
GIUNTA14	Watertight assembled joint	4 x 25



Watertight joints for different cable diameters available on request

DESCRIPTION:

Application

- Allows the connection of electrical cables with junction submerged in water
- The use of a heat source (flame or hairdryer) on the heat-shrink sheath causes a leakage of resin which guarantees the waterproofness of the joint

The Kit consists of



- N ° 4 Insulating connectors
- N ° 1 Heat shrink sheath for the protection of the four-pole cable
- N ° 4 Heat shrink sheaths for the protection of the single connectors



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> Level Control - Dry running control kit with 3 probes

Code	Description	
ESN100	Dry running control kit with 3 probes	
ESN001	Level probe	
ERL205	24 - 240V AC level relay	

DESCRIPTION:


Application

- The Level relay (A) inserted in the control circuit of the pumping systems through the base (B) connects special probes (C) to allow to maintain the level of wells or tanks within predetermined limits and / or block the pumps to avoid damage in case of dry running

The Kit consists of

- Nr 1 control relay (A)
- Nr 1 socket for Relay (B)
- Nr 3 level probes (C)

> Level Control - Floating switches

Code	Description	Neoprene coated cable mt	
EGL011	Floating switches	2	
EGL012	Floating switches	5	
EGL013	Floating switches	10	
EGL014	Floating switches	15	
PVC coating on request			

DESCRIPTION:


Application

- It allows the adjustment of the level of a liquid by automating the connected electrical equipment

The Kit consists of

- Contact absorption max. Amp 10/250 V
- Cable length: 2 - 5 - 10 - 15 mt
- Connection cable: PVC 3 x 1 mm²

> Wells

Code	Description	Ø _{est}		foro	
		inches	mm		
RTS065	Wellhead in PVC with cable gland	3"		2"	
RTS066	Wellhead in PVC with cable gland	4"		1"¼	
RTS067	Wellhead in PVC with cable gland	4"		1"½	
RTS068	Wellhead in PVC with cable gland	4"		2"	
RTS126	Wellhead in PVC with cable gland		100	1"½	
RTS123	Wellhead in PVC with cable gland		125	2"	
RTS125	Wellhead in PVC with cable gland		125	2"½	
RTS124	Wellhead in PVC with cable gland		125	3"	
RTS132	Wellhead in PVC with cable gland		140	1"½	
RTS135	Wellhead in PVC with cable gland		160	1"¼	
RTS134	Wellhead in PVC with cable gland		160	2"	
RTS133	Wellhead in PVC with cable gland		160	3"	
RTS145	Wellhead in PVC with cable gland		180	3"	
RTS207	Wellhead in PVC with cable gland		200	1"½	
RTS208	Wellhead in PVC with cable gland		200	2"	

IRON/WOOD PUMP WELL SUPPORT SADDLES

Ø pipe	L	H	D
	cm		
1" ÷ 2"	30	9,5	4

