



# General catalogue 2024

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# SMALL

Float switch suitable for clear and gray water. Dimensions: 82 x 111 x 48 mm, weight (excluding cable): 113 g. Degree of protection IP68, maximum pressure 2 bar, maximum fluid temperature 50°C.



	FUNCTION	SWITCHING ANGLES	MICROSWITCH	HOMOLOGATION	APPROV.	CABLE TYPE	NUMBER OF CABLES AND SECTION	GROUND CABLE	INSULATION CLASS	MODEL	CABLE LENGTH	ITEM
	DOUBLE (filling and emptying)	±45°	20(8)A-250V	10(8)A - 250V	TÜV/CE	PVC	3 x 1mm <sup>2</sup>	NO	II	53	2 m.	SPM02
											3 m.	SPM03
											5 m.	SPM05
											10 m.	SPM10
											15 m.	SPM15
											20 m.	SPM20
30 m.	SPM30											
	DOUBLE (filling and emptying)	±45°	20(8)A-250V	10(8)A - 250V	TÜV/CE	NEOPRENE H07RN-F	3 x 1mm <sup>2</sup>	NO	II	53	2 m.	SGM02
											3 m.	SGM03
											5 m.	SGM05
											10 m.	SGM10
											15 m.	SGM15
											20 m.	SGM20
30 m.	SGM30											
	EMPTYING (filling on demand)	±45°	20(8)A-250V	10(8)A - 250V	TÜV/CE	NEOPRENE H07RN-F	3G 1mm <sup>2</sup>	YES	I	2C+T	2 m.	SEM02
											3 m.	SEM03
											5 m.	SEM05
											10 m.	SEM10
											15 m.	SEM15
											20 m.	SEM20
30 m.	SEM30											
	EMPTYING (filling on demand)	±45°	20(8)A-250V 10(6)-400V (double voltage)	10(8)A - 250V 10(6)-400V (double voltage)	TÜV/CE	NEOPRENE H07RN-F	3G 1mm <sup>2</sup>	YES	I	SO6-10-400	2 m.	REM02
											3 m.	REM03
											5 m.	REM05
											10 m.	REM10
											15 m.	REM15
											20 m.	REM20
30 m.	REM30											
	EMPTYING (filling on demand)	±45°	20(8)A-250V	10(8)A - 250V	IECEX	NEOPRENE H07RN-F	3G 1mm <sup>2</sup>	YES	I	S-Ex	2 m.	SNM02
											3 m.	SNM03
											5 m.	SNM05
											10 m.	SNM10
											15 m.	SNM15
											20 m.	SNM20
30 m.	SNM30											
	EMPTYING (filling on demand)	±45°	20(8)A-250V 10(6)-400V (double voltage)	10(8)A - 250V 10(6)-400V (double voltage)	IECEX	NEOPRENE H07RN-F	3 x 1mm <sup>2</sup>	YES	I	R-Ex	2 m.	RNM02
											3 m.	RNM03
											5 m.	RNM05
											10 m.	RNM10
											15 m.	RNM15
											20 m.	RNM20
30 m.	RNM30											



Weight: 220 grams, dimensions Ø 47X55, material: shock-resistant polystyrene, standard color yellow, filling material iron grit and sand

CONTR

Weight: 300 grams, dimensions Ø 47X55, material: shock-resistant polystyrene, standard color yellow, filling material iron grit








CONTRP



**SMALL-KEY-MAC3 Accessories** available on page 5


# KEY

Float switch suitable for clear and gray water. Dimensions: 81x131x41.5 mm, weight (excluding cable): 154 g. Degree of protection IP68, maximum pressure 1 bar, maximum fluid temperature 50°C.




	FUNCTION	SWITCHING ANGLES	MICROSWITCH	HOMOLOGATION	APPROV.	CABLE TYPE	NUMBER OF CABLES AND SECTION	GROUND CABLE	INSULATION CLASS	MODEL	CABLE LENGTH	ITEM
	DOUBLE (filling and emptying)	±45°	16(4)A-250V	10(4)A - 250V	TÜV/CE	PVC	3 x 1mm <sup>2</sup>	NO	II	K04-10	2 m.	KPM02
											3 m.	KPM03
											5 m.	KPM05
											10 m.	KPM10
											15 m.	KPM15
											20 m.	KPM20
30 m.	KPM30											
	DOUBLE (filling and emptying)	±45°	16(4)A-250V	10(4)A - 250V	TÜV/CE	NEOPRENE H07RN-F	3 x 1mm <sup>2</sup>	NO	II	K04-10	2 m.	KGM02
											3 m.	KGM03
											5 m.	KGM05
											10 m.	KGM10
											15 m.	KGM15
											20 m.	KGM20
30 m.	KGM30											
	DOUBLE (filling and emptying)	±45°	20(8)A-250V	10(8)A - 250V	TÜV/CE	PVC	3 x 1mm <sup>2</sup>	NO	II	K08-10	2 m.	HPM02
											3 m.	HPM03
											5 m.	HPM05
											10 m.	HPM10
											15 m.	HPM15
											20 m.	HPM20
30 m.	HPM30											
	DOUBLE (filling and emptying)	±45°	20(8)A-250V	10(8)A - 250V	TÜV/CE	NEOPRENE H07RN-F	3 x 1mm <sup>2</sup>	NO	II	K08-10	2 m.	HGM02
											3 m.	HGM03
											5 m.	HGM05
											10 m.	HGM10
											15 m.	HGM15
											20 m.	HGM20
30 m.	HGM30											
	DOUBLE (filling and emptying)	±45°	20(8)A-250V	10(8)A - 250V	TÜV/CE	NEOPRENE H07RN-F	4G 1mm <sup>2</sup>	YES	I	K06-100 -400	2 m.	HZM02
											3 m.	HZM03
											5 m.	HZM05
											10 m.	HZM10
											15 m.	HZM15
											20 m.	HZM20
30 m.	HZM30											
	DOUBLE (filling and emptying)	±45°	20(8)A-250V 10(6)-400V (double voltage)	10(8)A - 250V 10(6)-400V (double voltage)	TÜV/CE	NEOPRENE H07RN-F	4G 1mm <sup>2</sup>	YES	I	K06-100 -400/B	2 m.	LZM02
											3 m.	LZM03
											5 m.	LZM05
											10 m.	LZM10
											15 m.	LZM15
											20 m.	LZM20
30 m.	LZM30											
	EMPTYING (filling on demand)	±45°	16(4)A-250V	10(4)A - 250V	TÜV/CE	NEOPRENE H07RN-F	3G 1mm <sup>2</sup>	YES	I	02T	2 m.	KVM02
											3 m.	KVM03
											5 m.	KVM05
											10 m.	KVM10
											15 m.	KVM15
											20 m.	KVM20
30 m.	KVM30											

FUNCTION	SWITCHING ANGLES	MICROSWITCH	HOMOLOGATION	APPROV.	CABLE TYPE	NUMBER OF CABLES AND SECTION	GROUND CABLE	INSULATION CLASS	MODEL	CABLE LENGTH	ITEM
 <b>EMPTYING</b> (filling on demand)	±45°	<b>20(8)A-250V</b>	10(8)A - 250V	TÜV/CE	<b>NEOPRENE HO7RN-F</b>	3G 1mm <sup>2</sup>	YES	I	K06-100-400	2 m.	HZM02
										3 m.	HZM03
										5 m.	HZM05
										10 m.	HZM10
										15 m.	HZM15
										20 m.	HZM20
30 m.	HZM30										
 <b>EMPTYING</b> (filling on demand)	±45°	<b>20(8)A-250V</b> <b>10(6)-400V</b> (double voltage)	10(8)A - 250V 10(6)-400V (double voltage)	TÜV/CE	<b>NEOPRENE HO7RN-F</b>	3 x 1mm <sup>2</sup>	YES	I	K06-100-400/B	2 m.	LVM02
										3 m.	LVM03
										5 m.	LVM05
										10 m.	LVM10
										15 m.	LVM15
										20 m.	LVM20
30 m.	LVM30										

	Weight: 220 grams, dimensions Ø 47X55, material: shock-resistant polystyrene, standard color yellow, filling material iron grit and sand	CONTR
	Weight: 300 grams, dimensions Ø 47X55, material: shock-resistant polystyrene, standard color yellow, filling material iron grit	CONTRP

## KEY-UL

Float switch suitable for clear and gray water. Float switch with UL/CSA certification for the North American market. Dimensions: 81x131x41.5 mm, weight (excluding cable): 154 g. Degree of protection IP68, maximum pressure 1 bar, maximum fluid temperature 50°C.

FUNCTION	SWITCHING ANGLES	HOMOLOGATION	APPROV.	CABLE TYPE	INSULATION CLASS	ITEM						
 <b>DOUBLE</b> (filling and emptying)	±45°	0,75HP 125V 12FLA 1,5HP 230V 10FLA	UL	SJOW3x18 AWG	II	HAB0000GEO						
						<b>EMPTYING</b> (filling on demand)	±45°	1HP 125V 16FLA 2HP 230V 12FLA	UL	SJOW2x16 AWG + plug	II	HAA000AEE0
												<b>EMPTYING</b> (filling on demand)







	Counterweight UL - Weight: 220 grams	CONTR7UL
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**SMALL-KEY-MAC3 Accessories** available on page 5

# MAC3

Double-chamber float switch suitable for clear and gray water, moderately charged and turbulent. Dimensions: 106 x 154 x 54 mm, weight (excluding cable): 234 g. Degree of protection IP68, maximum pressure 1 bar, maximum fluid temperature 50°C.



	FUNCTION	SWITCHING ANGLES	MICROSWITCH	HOMOLOGATION	APPROV.	CABLE TYPE	NUMBER OF CABLES AND SECTION	GROUND CABLE	INSULATION CLASS	MODEL	CABLE LENGTH	ITEM
	DOUBLE (filling and emptying)	±45°	16(4)A-250V	10(4)A - 250V	TÜV/CE	PVC	3 x 1mm <sup>2</sup>	NO	II	M04-10	2 m.	MPM02
											3 m.	MPM03
											5 m.	MPM05
											10 m.	MPM10
											15 m.	MPM15
											20 m.	MPM20
											30 m.	MPM30
	DOUBLE (filling and emptying)	±45°	16(4)A-250V	10(4)A - 250V	TÜV/CE	NEOPRENE H07RN-F	3 x 1mm <sup>2</sup>	NO	II	M04-10	2 m.	MGM02
											3 m.	MGM03
											5 m.	MGM05
											10 m.	MGM10
											15 m.	MGM15
											20 m.	MGM20
											30 m.	MGM30
	DOUBLE (filling and emptying)	±45°	20(8)A-250V	10(8)A - 250V	TÜV/CE	PVC	3 x 1mm <sup>2</sup>	NO	II	M08-10	2 m.	FPM02
											3 m.	FPM03
											5 m.	FPM05
											10 m.	FPM10
											15 m.	FPM15
											20 m.	FPM20
											30 m.	FPM30
	DOUBLE (filling and emptying)	±45°	20(8)A-250V	10(8)A - 250V	TÜV/CE	NEOPRENE H07RN-F	3 x 1mm <sup>2</sup>	NO	II	M08-10	2 m.	FGM02
											3 m.	FGM03
											5 m.	FGM05
											10 m.	FGM10
											15 m.	FGM15
											20 m.	FGM20
											30 m.	FGM30
	DOUBLE (filling and emptying)	±45°	16(4)A-250V	10(4)A - 250V	TÜV/CE	NEOPRENE H07RN-F	4G 1mm <sup>2</sup>	YES	I	M10-VD-2	2 m.	MZM02
											3 m.	MZM03
											5 m.	MZM05
											10 m.	MZM10
											15 m.	MZM15
											20 m.	MZM20
											30 m.	MZM30
	DOUBLE (filling and emptying)	±45°	20(8)A-250V	10(8)A - 250V	TÜV/CE	NEOPRENE H07RN-F	4G 1mm <sup>2</sup>	YES	I	M08-10-T	2 m.	FZM02
											3 m.	FZM03
											5 m.	FZM05
											10 m.	FZM10
											15 m.	FZM15
											20 m.	FZM20
											30 m.	FZM30

	FUNCTION	SWITCHING ANGLES	MICROSWITCH	HOMOLOGATION	APPROV.	CABLE TYPE	NUMBER OF CABLES AND SECTION	GROUND CABLE	INSULATION CLASS	MODEL	CABLE LENGTH	ITEM
	<b>DOUBLE</b> (filling and emptying)	$\pm 45^\circ$	<b>16(4)A-250V</b>	10(4)A - 250V	CE	<b>NEOPRENE H07BN4-F</b>	3 x 1mm <sup>2</sup>	NO	II	M-HIGHT&R	2 m.	MYM02
											3 m.	MYM03
											5 m.	MYM05
											10 m.	MYM10
											15 m.	MYM15
											20 m.	MYM20
											30 m.	MYM30
	<b>EMPTYING</b> (filling on demand)	$\pm 45^\circ$	<b>16(4)A-250V</b>	10(4)A - 250V	CE	<b>NEOPRENE H07BN4-F</b>	3G 1mm <sup>2</sup>	NO	I	M-HIGHT&R	2 m.	MXM02
											3 m.	MXM03
											5 m.	MXM05
											10 m.	MXM10
											15 m.	MXM15
											20 m.	MXM20
											30 m.	MXM30
	<b>EMPTYING</b> (filling on demand)	$\pm 45^\circ$	<b>16(4)A-250V</b>	10(4)A - 250V	TÜV/CE	<b>NEOPRENE H07RN-F</b>	3G 1mm <sup>2</sup>	YES	I	M10-VD-2	2 m.	MHM02
											3 m.	MHM03
											5 m.	MHM05
											10 m.	MHM10
											15 m.	MHM15
											20 m.	MHM20
30 m.	MHM30											
	<b>EMPTYING</b> (filling on demand)	$\pm 45^\circ$	<b>20(8)A-250V</b>	10(8)A - 250V	TÜV/CE	<b>NEOPRENE H07RN-F</b>	3G 1mm <sup>2</sup>	YES	I	M08-10-T	2 m.	FHM02
											3 m.	FHM03
											5 m.	FHM05
											10 m.	FHM10
											15 m.	FHM15
											20 m.	FHM20
30 m.	FHM30											
	Weight: 220 grams, dimensions Ø 47X55, material: shock-resistant polystyrene, standard color yellow, filling material iron grit and sand											CONTR
	Weight: 300 grams, dimensions Ø 47X55, material: shock-resistant polystyrene, standard color yellow, filling material iron grit											CONTRP

**SMALL - KEY - MAC3 Accessories**

Model	Description	Item
Optional cable	Cable PVC 2x1	3PVC2C
Optional cable	Chemically aggressive environments	3NGHYP
Optional cable	high temperatures	3NGH90
Optional cable	Permanent immersion in seawater	07BN2F 3x1
Optional cable	H07RN-F 2x1 Anti-oil	3NG2X1
Optional cable	H07RN-F 3G1 Anti-oil	3NGFOR
Optional cable	Approved for use in drinking water - 3G1 rubber	3NGDW1
Optional cable	Approved for use in drinking water - 3X1 rubber	3NGDX1
Optional cable	Permanent immersion - H07RN8-F 3G1	3NGH08
Special Microswitch	Gold contacts microswitch suitable (with Low Current)	
Piggyback plug	Piggyback plug with German Schuko socket-plated	4 SPINK

# MAC5

Double-chamber tilting float switch with internal counterweight. It is suitable for clear, gray, and turbulent water. Dimensions: Ø117 mm, H222mm Volume 1000 cm<sup>3</sup>, weight (excluding cable): 1100 g, Degree of protection IP68, maximum pressure 2 bar, maximum fluid temperature 50°C.



	FUNCTION	SWITCHING ANGLES	MICROSWITCH	HOMOLOGATION	APPROV.	CABLE TYPE	NUMBER OF CABLES AND SECTION	GROUND CABLE	INSULATION CLASS	CABLE LENGTH	ITEM
	DOUBLE (filling and emptying)	±45° (on request ±10°)	10(3)A-250V	10(3)A - 250V	CE	PVC	3 x 1mm <sup>2</sup>	NO	II	5 m.	JPM05
										10 m.	JPM10
										20 m.	JPM20
	DOUBLE (filling and emptying)	±45° (on request ±10°)	10(3)A-250V	10(3)A - 250V	TÜV/CE	NEOPRENE H07RN-F	3 x 1mm <sup>2</sup>	NO	II	5 m.	JGM05
										10 m.	JGM10
										20 m.	JGM20
	DOUBLE (filling and emptying)	±45° (on request ±10°)	10(3)A-250V	10(3)A - 250V	CE	NEOPRENE H07BN4-F	3 x 1mm <sup>2</sup>	NO	II	5 m.	JYM05
										10 m.	JYM10
										20 m.	JYM20
	DOUBLE (filling and emptying)	±45° (on request ±10°)	10(3)A-250V	10(3)A - 250V	ATEX	PVC	3 x 1mm <sup>2</sup>	NO	II	5 m.	JPM05 _Atex
										10 m.	JPM10 _Atex
										20 m.	JPM20 _Atex
	DOUBLE (filling and emptying)	±45° (on request ±10°)	10(3)A-250V	10(3)A - 250V	ATEX	NEOPRENE H07RN-F	3 x 1mm <sup>2</sup>	NO	II	5 m.	JGM05 _Atex
										10 m.	JGM10 _Atex
										20 m.	JGM20 _Atex
	DOUBLE (filling and emptying)	±45° (on request ±10°)	10(3)A-250V	10(3)A - 250V	ATEX	NEOPRENE H07BN4-F	3 x 1mm <sup>2</sup>	NO	II	5 m.	JYM05 _Atex
										10 m.	JYM10 _Atex
										20 m.	JYM20 _Atex

## MAC5 Accessories

Model	Description	Item
Holder Mac5	Holder for Mac5 level regulator	900700001



# E-FLY

Double-chamber tilting float switch with internal counterweight. It is suitable for clear, gray, and turbulent water. Dimensions: Ø100 mm - h 156 mm, Volume 620 cm<sup>3</sup>, weight (excluding cable): 700 g, Degree of protection IP68, maximum pressure 2 bar, maximum fluid temperature 50°C.



	FUNCTION	SWITCHING ANGLES	MICROSWITCH	HOMOLOGATION	APPROV.	CABLE TYPE	NUMBER OF CABLES AND SECTION	GROUND CABLE	INSULATION CLASS	CABLE LENGTH	ITEM
	<b>DOUBLE</b> (filling and emptying)	±10°	<b>10(3)A-250V</b>	10(3)A - 250V	CE	<b>PVC</b>	3 x 1mm <sup>2</sup>	NO	II	5 m. 10 m. 20 m.	EPM05 EPM10 EPM20
	<b>DOUBLE</b> (filling and emptying)	±10°	<b>10(3)A-250V</b>	10(3)A - 250V	TÜV/CE	<b>NEOPRENE H07RN-F</b>	3 x 1mm <sup>2</sup>	NO	II	5 m. 10 m. 20 m.	EGM05 EGM10 EGM20
	<b>DOUBLE</b> (filling and emptying)	±10°	<b>10(3)A-250V</b>	10(3)A - 250V	CE	<b>NEOPRENE H07BN4-F</b>	3 x 1mm <sup>2</sup>	NO	II	5 m. 10 m. 20 m.	EYM05 EYM10 EYM20
	<b>DOUBLE</b> (filling and emptying)	±10°	<b>10(3)A-250V</b>	10(3)A - 250V	<b>ATEX</b>	<b>PVC</b>	3 x 1mm <sup>2</sup>	NO	II	5 m. 10 m. 20 m.	EPM05 _Atex EPM10 _Atex EPM20 _Atex
	<b>DOUBLE</b> (filling and emptying)	±10°	<b>10(3)A-250V</b>	10(3)A - 250V	<b>ATEX</b>	<b>NEOPRENE H07RN-F</b>	3 x 1mm <sup>2</sup>	NO	II	5 m. 10 m. 20 m.	EGM05 _Atex EGM10 _Atex EGM20 _Atex
	<b>DOUBLE</b> (filling and emptying)	±10°	<b>10(3)A-250V</b>	10(3)A - 250V	<b>ATEX</b>	<b>NEOPRENE H07BN4-F</b>	3 x 1mm <sup>2</sup>	NO	II	5 m. 10 m. 20 m.	EYM05 _Atex EYM10 _Atex EYM20 _Atex


## E-FLY Accessories

Model	Description	Item
Holder Mac5	Holder for Mac5 level regulator	900700001

## AGMA22

Vertical motion compact float level switch for narrow spaces. It is suitable for clear water, made of non-toxic PP material, with dimensions of 37x100x226.5 mm and 8 cm differential. It has an IP68 degree of protection and a maximum fluid temperature of 50°C.




	FUNCTION	SWITCHING ANGLES	MICROSWITCH	HOMOLOGATION	CABLE TYPE	Item
	EMPTYING (filling on demand)	cm. 7-8	10(8)A 250 V	10(8)A - 250V	2 fili wires PVC 25 cm	AG00000000
					2 fili wires PVC (2+T) 25 cm	AG0H000000
					H07RNF 2x1	AGON*****
					H07RNF 3G1	AGOH*****
					PVC A05VVF 3x1	AGOP*****

## AGMA22-UL

Vertical motion compact float level switch for narrow spaces with UL homology. It is suitable for clear, made of non-toxic PP material with dimensions of 37x100x226.5 mm and 8 cm differential. It has an IP68 degree of protection and a maximum fluid temperature of 50°C.




	FUNCTION	SWITCHING ANGLES	MICROSWITCH	HOMOLOGATION	CABLE TYPE	Item
	EMPTYING (filling on demand)	cm. 7-8	10(8)A 250 V	10(8)A - 250V	UL/UL Approved Version	AGOU*****

## AGMA W

Vertical motion compact float level switch for narrow spaces. It is suitable for clear, grey and moderately charged, and turbulent water, made of non-toxic PP material with dimensions of 60x235 mm and 5-15cm differential. It has an IP68 degree of protection and a maximum fluid temperature of 50°C.



	FUNCTION	SWITCHING ANGLES	MICROSWITCH	HOMOLOGATION	CABLE TYPE	Item
	EMPTYING (filling on demand)	cm. min5 max15	10(8)A 250 V	20(8)A - 250V	2 fili wires PVC 25 cm	AGW0000000
					2 fili wires PVC (2+T) 25 cm	AGWH000000
					H07RNF 2x1	AGWN*****
					H07RNF 3G1	AGWH*****
					PVC A05VVF 3x1	AGWP*****

### Agma22 - AgmaW - AgmaW-UL Accessories

Model	Description	Item
	Mounting bracket	AG00STAFFA
	Version with Shuko piggyback plug	

# REKA 2000

Capacitive liquid level switch for clear water and other liquids, including food liquids, with a compact design. It has a non-toxic PP body, dimensions of 93x250 mm and a differential of 3-13cm. It has an IP68 degree of protection and a maximum fluid temperature of 50°C.



Power supply volt	Power usage Ma	Delay in seconds	Difference threshold	High level	Max. pressure working	Output relay	Max. load applicable	Item
12/24V (AC/DC)	<b>120</b>	0 ÷ 8	9 ± 1 cm	12 ± 2 cm	0.2 bar	Relè 240V-10(4)A	120W	TKZC40COGO
117 Vca	<b>30</b>	-	9 ± 1 cm	12 ± 2 cm	0.2 bar	Relè 240V-10(4)A	240W	TKZC4001B0



Power supply volt	Power usage Ma	Delay in seconds	Difference threshold	High level	Max. pressure working	Output relay	Max. load applicable	Item
230 Vca	<b>10</b>	-	9 ± 1 cm	12 ± 2 cm	0.2 bar	Relè 240V-10(4)A	2300VA	TKZC4001B0

# QUICKSTOP STD



Ball float valve for clear water, which uses a patented mechanism that allows for instant opening and closing of the tap. It has a non-toxic PP body with a high flow rate of up to 17m<sup>3</sup>/h, ranging from 3/8 to 1 1/2". It comes with an integrated 3-piece union for easy installation and a working pressure of 0.3 - 6 bars.



BSP hydraulic connections	Item	Nominal pressure in bar
3/8" M	QS09000000	6
1/2" M	QS12000000	6
3/4" M	QS18000000	6
1" M	QS25000000	6
1 1/4" M	QS32000000	6
1 1/2" M	QS40000000	6

# QUICKSTOP ADJ

Ball float valve for clear water, which uses a patented mechanism that allows for instant opening and closing of the tap. Version with adjustable arm length. It has a non-toxic PP body with a high flow rate of up to 17m<sup>3</sup>/h, ranging from 3/8 to 1 1/2". It comes with an integrated 3-piece union for easy installation and a working pressure of 0.3 - 6 bars.



BSP hydraulic connections	Item	Nominal pressure in bar
3/8" M	QS09A00000	6
1/2" M	QS12A00000	6
3/4" M	QS18A00000	6
1" M	QS25A00000	6
1 1/4" M	QS32A00000	6
1 1/2" M	QS40A00000	6

# SENTINEL

Sentinel is a ACOUSTIC LEVEL INDICATOR for monitoring liquid storage systems. It indicates the lack or excess of liquid with audio alerts, it requires a float switch. It is powered by mains or battery. The Sentinel 2 variant features a relay for activating a remote alarm and it's powered solely by the electrical network.



Model	Description	Supply Voltage	Item
Sentinel 2	Alarm Monitor	230V	TOS2001000

# MACNIVEL

MacNivel is a battery-powered water level indicator for monitoring tank water. It uses a multi layer cable to detect up to 5 levels, with a maximum cable length of 30 meters. The display is through a 10-segment LED bar. Compatible with conductive liquids, excluding oils and fuels. Easy installation with included support.



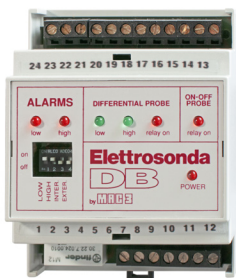
Model	Description	Supply Voltage	Item
MacNivel	Level monitoring	9V batt.	TNIV000000

# ELECTROPROBE DB

Advanced liquid level control unit. DIN rail mounting. Manages pumps, protect against dry running. Uses low-voltage electrodes. 3 relays, 5 inputs. Functions include ON-OFF, differential, high/low-level alarms, audible alert, external alarm signal. Controls via DIP-SWITCH. Replaces four separate probes. Available in various voltages (24/117/230Vac).



Five check points - provided without probes



Model	Description	Supply Voltage	Item
DB24	Normal 0-20K	24V~	ED4SA01000
DB110	Normal 0-20K	117V~	ED4SB01000
DB220	Normal 0-20K	230V~	ED4SC01000

# ELECTROPROBE Q

Liquid Level Control Relay. Suitable for wells, tanks, even under pressure. Low-voltage probe, quick activation. Monitoring with two or three probes. Ideal for tight and deep spaces, no mechanical movements. Adjustable sensitivity, 1000m range. Relay delay 0-16s, fill-empty mode. 3-module DIN version, relay output 230V. Voltage variants: 24/117/230Vac.



Level Probes - DIN rail mounting - provided without probes



Model	Sensitivity	Supply Voltage	Item
QNS	Normal 5,6K	12/24V=	EQ3SF01000
QNS	Normal 5,6K	24V~	EQ3SA01000
QNS	Normal 5,6K	117V~	EQ3SB01000
QNS	Normal 5,6K	230V~	EQ3SC01000
QNS	Normal 5,6K	380V~	EQ3SD01000
QNS	Normal 5,6K	415V~	EQ3SE01000
MNS	Normal 5,6K	24/117/230V~	EQ3SM01000
QAS	High 68K	12/24V=	EQ3SFH1000
QAS	High 68K	24V~	EQ3SAH1000
QAS	High 68K	117V~	EQ3SBH1000
QAS	High 68K	230V~	EQ3SCH1000
QAS	High 68K	380V~	EQ3SDH1000
QAS	High 68K	415V~	EQ3SEH1000
MAS	High 68K	24/117/230V~	EQ3SMH1000
QSR	Adjustable 0 100k	12/24V=	EQ3SFR1000
QSR	Adjustable 0 100k	24V~	EQ3SAR1000
QSR	Adjustable 0 100k	117V~	EQ3SBR1000
QSR	Adjustable 0 100k	230V~	EQ3SCR1000
QSR	Adjustable 0 100k	380V~	EQ3SDR1000
QSR	Adjustable 0 100k	415V~	EQ3SER1000
MSR	Adjustable 0 100k	24/117/230V~	EQ3SMR1000

# ELECTROPROBE EV

Liquid Level Control Relay. Suitable for wells, tanks, even under pressure. Low-voltage probe, quick activation. Monitoring with two or three probes. Ideal for tight and deep spaces, no mechanical movements. Adjustable sensitivity, 1000m range. Relay delay 0-16s, fill-empty mode. 3-module DIN version, relay output 230V. Voltage variants: 24/117/230Vac.



Micro controlled - M: MultiVoltage - provided without probes



Model	Sensitivity	Supply Voltage	Output	Item
EV 2M	Adjustable 0 -100k	230V~	1	EQ2MCR1000
EV 3M	Adjustable 0 -100k	230V~	1	EQ3MCR1000
			1+1	EQ3MCR2000
MEV 3M	Adjustable 0 -100k	24/117/230V~	1	EQ3MMR1000
			1+1	EQ3MMR2000

# ELECTROPROBE Z8

Liquid level control relay. DIN rail mount, ideal for tight spaces. Uses low-voltage probes, no mechanical movements. Monitoring with two probes for single level or three for minimum-maximum range. Compact design, low sensitivity to humidity. Available in various sensitivities and voltages (24/117/230Vac). Differs from Z11 in single voltage and socket type.



Mounting on socket base



Model	Description	Supply Voltage	Item
Z8NS	Normal 5,6K	24V~	EZOSA01000
Z8NS	Normal 5,6K	48V~	EZOSPO1000
Z8NS	Normal 5,6K	117V~	EZOSB01000
Z8NS	Normal 5,6K	230V~	EZOSCO1000
Z8AS	High 68K	24V~	EZOSAH1000
Z8AS	High 68K	48V~	EZOSPH1000
Z8AS	High 68K	117V~	EZOSBH1000
Z8AS	High 68K	230V~	EZOSCH1000
Z8SR	Adjustable 0 100k	24V~	EZOSAR1000
Z8SR	Adjustable 0 100k	48V~	EZOSPR1000
Z8SR	Adjustable 0 100k	117V~	EZOSBR1000
Z8SR	Adjustable 0 100k	230V~	EZOSCR1000

# ELECTROPROBE Z11

Z11, level control relay for conductive liquids. Ideal for wells, tanks, reservoirs. Uses low-voltage probes to detect current and activate the relay quickly. Monitoring with two probes for a single level or three for an interval. Suitable for tight spaces, no mechanical movements. Compact design (79x35x88 mm - 2 DIN modules), various sensitivities, and voltages (24-48Vac, 117-230Vac). Differs from Z8 for dual-voltage management and socket type.







Mounting on socket base



Model	Description	Supply Voltage	Item
Z11NS	Normal 5,6K	24/48V~	EZUSN01000
Z11NS	Normal 5,6K	117/230V~	EZUSO01000
Z11AS	High 68K	24/48V~	EZUSNH1000
Z11AS	High 68K	117/230V~	EZUSOH1000
Z11SR	Adjustable 0 100k	24/48V~	EZUSNR1000
Z11SR	Adjustable 0 100k	117/230V~	EZUSOR1000

## Accessori ELECTROPROBE Z8 - Z11

Model	Description	Item
	Octal base For surface and rail mounting	TZ08000000
	Undecal base For surface and rail mounting	TZ11000000
	Probe Probe for conductive liquids	TSOND000000
	Portasonde triplo For probes in metal	TP00000000

# SENSOPRESS

Sensopress LCD: measures and adjusts level precisely to the centimeter. Controls pumps and valves, eliminating moving mechanical parts. Suitable for food liquids, available in single and multi-channel models. DIN rail mountable, reliable for various applications.



Mounting on rail - 6 modules DIN



Model	Description	Supply Voltage	Item
Sensopress LCD SPECIAL	Meter with 1 level regulation	117V~	TSL00X0100
		230V~	TSL00Y0100
Sensorpress 4	Meter with 4 level regulation	117V~	TSL00X0400
		230V~	TSL00Y0400
Submersible Pressure Sensor	Stainless Steel 1 bar, Cable PVC 20 m.		PRS50B1A8M2000E

# RAINCONTROL LCD SPECIAL

Electronic control unit for DIN rail optimizes the use of rainwater instead of tap water in non-essential applications. Monitors the level in the rainwater collection tank and automatically switches between rainwater and potable water to reduce wastage. Modes include AUTO, LOW, HIGH, MANUAL, DISPLAY, PROTECT, FRESH, and TIMER. Customizable settings to promote efficient use of water resources.



Mounting on rail - 6 modules DIN



Model	Description	Supply Voltage	Item
Raincontrol LCD Special	with LCD display	117V~	TXL00X0100
		230V~	TXL00Y0100
Submersible Pressure Sensor 4-20mA	Stainless Steel 1 bar, Cable PVC 20 m.		PRS50B1A8M2000E

# E-POWER

Water-cooled inverter for the control and protection of single pumps and multiple pump sets. IP65, hydraulic connections: 1 1/4" M x 1 1/4" M. (built-in pressure transducer).



 WiFi Optional

Version	Max. Pump Power		Power supply	Pump Voltage	Rated Current	Pump Version	Item
	KW	HP					
e-MM08	1,1	1,5	1x230V	1x230V	8A	Single	VEPR113
e-MT10	2,2	3,0	1x230V	3x230V	10	Single	VEPR212
e-MM08	1,1	1,5	1x230V	1x230V	8A	Multi-pump* (Up to 8 pumps)	VEPR143
e-MT10	2,2	3,0	1x230V	3x230V	10A	Multi-pump* (Up to 8 pumps)	VEPR242

\* 1 inverter for pump

# HYDROCONTROLLER HCW

Range of professional water-cooled inverters for the control and protection of single pumps and multiple pump sets. IP65, hydraulic connections: 1 1/4" F x 1 1/4" F.  
(factory equipped with pressure transducer, supplied wired with 1.5m power cable and 1.5 m motor cable=)



 WiFi Optional

Version	Max. Pump Power		Power supply	Pump Voltage	Rated Current	Pump Version	Item
	KW	HP					
HCW MM08	1,1	1,5	1x230V	1x230V	8A	Single	VHDR113
HCW MM12	1,6	2,2	1x230V	1x230V	12A	Single	VHDR114
HCW MT10	2,2	3,0	1x230V	3x230V	10A	Single	VHDR212
HCW TT06	2,2	3,0	3x400V	3x400V	6A	Single	VHDR311
HCW TT11	4,0	5,5	3x400V	3x400V	11A	Single	VHDR312
HCW MM08	1,1	1,5	1x230V	1x230V	8A	Multi-pump* (Up to 8 pumps)	VHDR143
HCW MM12	1,6	2,2	1x230V	1x230V	12A	Multi-pump* (Up to 8 pumps)	VHDR144
HCW MT10	2,2	3,0	1x230V	3x230V	10A	Multi-pump* (Up to 8 pumps)	VHDR242
HCW TT06	2,2	3,0	3x400V	3x400V	6A	Multi-pump* (Up to 8 pumps)	VHDR341
HCW TT11	4,0	5,5	3x400V	3x400V	11A	Multi-pump* (Up to 8 pumps)	VHDR342



# HYDROCONTROLLER HCA



Range of professional air-cooled inverters with self-ventilation and an IP65 rating for the control and protection of single pumps and multiple pump sets.

(Factory equipped with 1.5m power cable, 1.5m motor cable and pressure transducer with 3m cable)



**WiFi Optional**

Version	Max. Pump Power		Power supply	Pump Voltage	Rated Current	Pump Version	Item
	KW	HP					
HCA MM08	1,1	1,5	1x230V	1x230V	8A	Single	VHDA113
HCA MM12	1,6	2,2	1x230V	1x230V	12A	Single	VHDA114
HCA MT10	2,2	3,0	1x230V	3x230V	10A	Single	VHDA212
HCA TT06	2,2	3,0	3x400V	3x400V	6A	Single	VHDA311
HCA TT11	4,0	5,5	3x400V	3x400V	11A	Single	VHDA312
HCA MM08	1,1	1,5	1x230V	1x230V	8A	Multi-pump* (Up to 8 pumps)	VHDA143
HCA MM12	1,6	2,2	1x230V	1x230V	12A	Multi-pump* (Up to 8 pumps)	VHDA144
HCA MT10	2,2	3,0	1x230V	3x230V	10A	Multi-pump* (Up to 8 pumps)	VHDA242
HCA TT06	2,2	3,0	3x400V	3x400V	6A	Multi-pump* (Up to 8 pumps)	VHDA341
HCA TT11	4,0	5,5	3x400V	3x400V	11A	Multi-pump* (Up to 8 pumps)	VHDA342
HCA TT15	5,5	7,5	3x400V	3x400V	15A	Multi-pump* (Up to 8 pumps)	VHDA343
HCA TT18	7,5	10,0	3x400V	3x400V	18A	Multi-pump* (Up to 8 pumps)	VHDA345
HCA TT25	11,0	15,0	3x400V	3x400V	25A	Multi-pump* (Up to 8 pumps)	VHDA346

\* 1 inverter for pump

## ACCESSORIES for HydroController

	Item
	WIFI Module for Hydrocontroller (factory-installed by MAC3) -
	Annual fee for HelpDesk web service (1st year free) -
	Multipress 4 - Irrigation / Power Interface 24 Vac TM4000000



## PRESSURE SENSOR 4-20 mA 10 Bar

Cable m.	Submersible	Item
3	-	PRE56C1A8M03HOE
5	-	PRE56C1A8M05HOE
10	-	PRE56C1A8M10OOE
20	-	PRE50C1A8M20OOE
20	V	PRS50C1A8M20OOE

On request with microphone connector /3100003L5

## ACCESSORIES for HydroController

	Version	Pump Voltage	Corrente	Item
	ACLM	1x230Vac	10A	/900600010
	ACLM	1x230Vac	10A	/900600011
	ACLT	3x400 /230Vac	10A	/900600005
	ACLT	3x400 /230Vac	10A	/900600006
	ACLT	3x400 /230Vac	16A	/900600013
	ACLT	3x400 /230Vac	30A	/900600015
	INFILT-M	1x230Vac	50A	/520003000
	INFILT-T	3x400 /230Vac	20A	/520003010
	INFILT-T	3x400 /230Vac	16A	/520003041
	INFILT-T	3x400 /230Vac	25A	/520003042

# HYDROPOOL

Variable speed inverter for recirculation and filtration pool pumps enabling up to four customizable speeds, significantly improving energy consumption and filtration efficiency. It has advanced protections, IP65, Wi-Fi connectivity, and a WebApp for remote monitoring and programming.



Version	Max. Pump Power		Power supply	Pump Voltage	Rated Current	Item
	KW	HP				
HC-MM08-ADV	1,1	1,5	1x230V	1x230V	8A	VHPA143
HC-MM12-ADV	1,6	2,2	1x230V	1x230V	12A	VHPA144
HC-MT10-ADV	2,2	3,0	1x230V	3x230V	10A	VHPA242
HC-TT06-ADV	2,2	3,0	3x400V	3x400V	6A	VHPA341
HC-TT11-ADV	4,0	5,5	3x400V	3x400V	11A	VHPA342
HC-TT15-ADV	5,5	7,5	3x400V	3x400V	15A	VHPA343
HC-TT18-ADV	7,5	10,0	3x400V	3x400V	18A	VHPA345
HC-TT25-ADV	11,0	15,0	3x400V	3x400V	25A	VHPA346

# HYDROSOLAR

Efficient off-grid solar pumping inverters ranging from 3HP to 15HP for agricultural irrigation, rural water supply, and more. IP65, their compatibility with both 110/230VAC and 400VAC three-phase pumps and support for various pump types, combined with FUNCTION MPPT technology, maximizes solar energy usage. These inverters offer easy installation, intuitive interface, versatile design, and multiple protections ensuring safety.



 WiFi Optional

Version	Dc Input		MPPT Voltage Range	Max. pump power		Rated Current	Output Voltage	Item
	Voltage			Kw	HP			
	Min.	Max.						
HCA TT 06	150	650	Programmable 1÷90V	2,2	3	6A	3PH 110/230/380Vac	VHSA311
HCA TT 11	150	650	Programmable 1÷90V	4	5,5	11A	3PH 110/230/380Vac	VHSA312
HCA TT 15	150	650	Programmable 1÷90V	5,5	7,5	15A	3PH 110/230/380Vac	VHSA343
HCA TT 18	150	650	Programmable 1÷90V	7,5	10	18A	3PH 110/230/380Vac	VHSA345
HCA TT 25	150	650	Programmable 1÷90V	11	15	25A	3PH 110/230/380Vac	VHSA346

# PRESSYSTEM

Electronic version of a traditional pressure switch, ideal for the control and protection of single-phase pumps. Equipped with a digital display, electronic pressure sensor, as well as protections for dry running, cosfi, and amperometric. IP65, pressure range 0.6–8.0 bar in 0.3 bar steps. Additionally, it has a digital input for level control.



**WIFI Optional**

Version	Max. Pump Power 230v		Max. Pump Power 110v		Power supply	Rated Current	Hydraulic connect.	Nominal pressure	Item
	KW	HP	KW	HP					
PSS 110/230V BSP	1,5	2,0	0,75	1,0	1x230V- 1x117V	25(12)A	1" M BSP x 1" M BSP	8 bar	PSP0000000
PSS 110/230V BSP cos $\phi$	1,5	2,0	0,75	1,0	1x230V- 1x117V	25(12)A	1" M BSP x 1" M BSP	8 bar	PSPC000000
PSS 110/230V NPT	1,5	2,0	0,75	1,0	1x230V- 1x117V	25(12)A	1" M NPT x 1" M NPT	8 bar	PSPC200000
PSS 110/230V NPT cos $\phi$	1,5	2,0	0,75	1,0	1x230V- 1x117V	25(12)A	1" M NPT x 1" M NPT	8 bar	PSP0200000

# E-POWER SOLAR

Water-cooled off-grid solar pumping inverter suitable for agricultural irrigation, rural water supply, and more. It is compatible with both 110/230VAC three-phase pumps and has a FUNCTION MPPT to maximize solar energy utilization. IP65, it features easy installation, intuitive interface, and versatile design, and ensures safety with numerous protections.



**WIFI Optional**

Version	Dc Input			Ac Output			Item	
	Voltage		MPPT Voltage Range	Max. pump power		Rated Current		Output Voltage
	Min.	Max.		Kw	HP			
e-MT10	80	320	Programmable 1 $\pm$ 90V	2,2	3	10A	3PH 80/110/230Vac	VEPS212



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