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Level Controllers

**GMSA – GMS1
 KMS1 – BMS1**

Technical Data Sheet
 GMSA – GMS1 – KMS1 – BMS1

Aqua's level controllers allow to control and/or automate electric devices in relation to the level of liquid being monitored. These float switches are also widely used for filling or emptying water tanks.



Technical Characteristics:

Model:	GMS Series	KMS Series	BMS Series
Nominal power:	20 (8) A @ 250 V.	10 (8) A @ 250 V.	20 (8) A @ 250 V
Nominal tension:	250 Vac	250 Vac	250 Vac
Working temperature:	80° C max.	80° C max.	80° C max.
Storage temperature:	-20°C ÷ +80°C	-20°C ÷ +80°C	-20°C ÷ +80°C
Switch angle:	± 45°	± 45°	± 45°
Buoyant capacity:	120 g	120 g	180 g
Dimensions mm.:	74 x 124 x 38	84 x 158 x 45	113 x 157 x 62
Housing material:	NON Toxic PP	NON Toxic PP	NON Toxic PP
Function class:	I	II	I
Protection grade:	IP X8	IP X8	IP X8

Main fields of application:

Submersible water pumps - Bore hole well pumps - Tank filling & emptying - Safety devices - Ball valves - Electro valves - Alarms

The model BMS, with its double wall construction and larger mass, makes it eminently suitable for more dense or viscous media e.g. sewage

Dimensions:

GMSA – GMS1	KMS1	BMS1



MODEL GMSA Series:

Model:	GMSA-cULus
Code:	A5010010
Cable type:	SJOW 16/2 AWG
Cable length:	0.6 Mt.
Weight:	110 g
Approvals:	UL – CSA

Key
Products usually ex stock
Products to special order Subject to minimum order quantity and up to 4 weeks delivery

MODEL GMS1 Series:

Model:	GMS1-TUV	GMS1-PVC	GMS1- PVC	GMS1- PVC	GMS1-PVC	GMS1-PVC	GMS1-PVC
Code:	A5010030	A5020010	A5020020	A5020030	A5020040	A5020050	A5020060
Cable type:	H07RN-F3GX1	PVC-05VV-F3GX1	PVC-05VV-F3GX1	PVC-05VV-F3GX1	PVC-05VV-F3GX1	PVC-05VV-F3GX1	PVC-05VV-F3GX1
Cable length:	0.6 Mt.	2 Mt.	3 Mt.	5 Mt.	10 Mt.	15 Mt.	20 Mt.
Weight:	110 g	110 g	110 g	110 g	110 g	110 g	110 g
Approvals:	TUV - CE	CE	CE	CE	CE	CE	CE

MODEL KMS1 Series:

Model:	KMS1-TUV	KMS1-PVC	KMS1-PVC	KMS1-PVC	KMS 1-PVC	KMS1-PVC	KMS1-PVC
Code:	A5030010	A5040010	A5040020	A5040030	A5040040	A5040050	A5040060
Cable type:	H07RN-F3GX1	PVC-05VV-F3GX1	PVC-05VV-F3GX1	PVC-05VV-F3GX1	PVC-05VV-F3GX1	PVC-05VV-F3GX1	PVC-05VV-F3GX1
Cable length:	0.6 Mt.	2 Mt.	3 Mt.	5 Mt.	10 Mt	15 Mt.	20 Mt.
Weight:	170 g	170 g	170 g	170 g	170 g	170 g	170 g
Approvals:	TUV - CE	CE	CE	CE	CE	CE	Ce

MODEL BMS1 Series:

Model:	BMS1-TUV	BMS1-PVC	BMS1-PVC	BMS1-PVC	BMS1-PVC	BMS1-PVC	BMS -PVC
Code:	A5050010	A5060020	A5060030	A5060040	A5060050	A5060060	A5060070
Cable type:	H07RN-F3GX1	PVC-05VV-F3GX1	PVC-05VV-F3GX1	PVC-05VV-F3GX1	PVC-05VV-F3GX1	PVC-05VV-F3GX1	PVC-05VV-F3GX1
Cable length:	0.6 Mt.	2 Mt.	3 Mt.	5 Mt.	10 Mt.	15 Mt.	20 Mt.
Weight:	250 g	250 g	250 g	250 g	250 g	250 g	250 g
Approvals:	TUV - CE	CE	CE	CE	CE	CE	CE



Counter Weight

170g For GMS and KMS

A5018010

700g For BMS

A5018040