



WINDPOWER

Level Switches with Stop Ring LM1 / LM2 / LMM1 A - FA - TA



TECHNICAL DATA

Materials of construction	Stem: brass
	Float: NBR
	Mounting: anodized aluminium
Actuation points	LM1 – 1 actuation point N.C./N.O. contact
	LM2 – 1 actuation point SPDT contact
	LMM1 – 2 actuation points/floats N.C./N.O. contacts
Mounting	A – M18x1,5 thread connection
	FA – Ø 52 flange
	TA – G1" thread connection
Electrical connection	DIN 43650 – PG09 – IP65
Switching capacity	LM1/LMM1 - 60W/VA
	LM2 - 30W/VA
Current	LM1/LMM1 - 0,8A (resistive)
	LM2 - 0,5A (resistive)
Max voltage	230V – 50Hz
Temperature range	-10°C +80°C
Max pressure	10 bar
Fluid specific weight	≥0.7
Fluid viscosity	150 cSt
Certification and approvals	- -
Size	Max possible length 1500mm





WINDPOWER

Level Switches LM1 / LM2 / LMM1 CFPA - CTPA



TECHNICAL DATA

Materials of construction	Stem: brass
	Float: NBR
	Mounting: thermoplastic
Actuation points	LM1 – 1 actuation point N.C./N.O. contact
	LM2 – 1 actuation point SPDT contact
	LMM1 – 2 actuation points N.C./N.O. contacts
Connection	CFPA – Ø 54 flange
	CTPA – G1" thread connection
Electrical connection	DIN 43650 – PG09 – IP65
Switching capacity	LM1/LMM1 - 60W/VA
	LM2 – 30W/VA
Current	LM1/LMM1- 0,8A (resistive)
	LM2 - 0,5A (resistive)
Max voltage	230V – 50Hz
Temperature range	-10°C +80°C
Max pressure	10 bar
Fluid specific weight	≥0.7
Fluid viscosity	150 cSt
Certification and approvals	- -
Size	Max possible length 1500mm



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Stainless Steel Execution LM1 / LM2 / LMM1 FIA - TIA - PTIA



TECHNICAL DATA

Materials of construction	316 stainless steel
Actuation points	LM1 – 1 actuation point N.C./N.O. contact LM2 – 1 actuation point SPDT contact LMM1 – 2 actuation points N.C./N.O. contacts
Mounting	FIA – Ø 52 flange TIA – G1 ¼" thread connection PTIA – G1" thread connection
Electrical connection	DIN 43650 – PG09 – IP65
Switching capacity	LM1/LMM1 - 60W/VA LM2 – 30W/VA
Current	LM1/LMM1- 0,8A (resistive) LM2 - 0,5A (resistive)
Max voltage	230V – 50Hz
Temperature range	-10°C +80°C
Max pressure	FIA/TIA – 10 bar PTIA – 8 bar
Fluid specific weight	FIA/TIA - ≥ 0.7 PTIA - ≥ 0.8
Fluid viscosity	150 cSt
Certification and approvals	FIA and TIA executions: RINA - Lloyd's Register - Germanischer Lloyd
Size	Max possible length 1500mm



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Level Switches with Thermostat

LM1A...T
LM1FA...T
LM1TA...T



TECHNICAL DATA

Materials of construction	Stem: brass
	Float: NBR
	Mounting: anodized aluminium
Actuation points	Level: 1 N.C. contacts
	Temperature: 1 N.O. contact (220V/0,5A –resistive)
Mounting	A – M18x1,5 thread connection
	FA – Ø 52 flange
	TA – G1" thread connection
Electrical connection	DIN 43650 – PG09 – IP65
Switching capacity	60W/VA
Current	0,8A (resistive)
Max voltage	230V – 50Hz
Temperature range	-10°C +80°C
Max pressure	10 bar
Fluid specific weight	≥0.7
Fluid viscosity	150 cSt
Certification and approvals	- -
Size	Max possible length 1500mm
	Temperature available:
	40°C - 50°C - 60°C - 70°C - 80°C



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Level Switches with Stop Ring LM1 / LM2 / LMM1 FPA - TPA



TECHNICAL DATA

Materials of construction	Stem: brass
	Float: NBR
	Mounting: thermoplastic
Actuation points	LM1 – 1 actuation point N.C./N.O. contact
	LM2 – 1 actuation point SPDT contact
	LMM1 – 2 actuation points/floats N.C./N.O. contacts
Mounting	FPA – Ø 54 flange
	TPA – G1" thread connection
Electrical connection	DIN 43650 – PG09 – IP65
Switching capacity	LM1/LMM1 - 60W/VA
	LM2 – 30W/VA
Current	LM1/LMM1- 0,8A (resistive)
	LM2 - 0,5A (resistive)
Max voltage	230V – 50Hz
Temperature range	-10°C +80°C
Max pressure	10 bar
Fluid specific weight	≥0.7
Fluid viscosity	150 cSt
Certification and approvals	- -
Size	Max possible length 1500mm



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Level Switches LM1 / LM2 / LMM1 CSA - CA - CFA - CTA



TECHNICAL DATA

Materials of construction	Stem: brass
	Float: NBR
	Mounting: anodized aluminium
Actuation points	LM1 – 1 actuation point N.C./N.O. contact
	LM2 – 1 actuation point SPDT contact
	LMM1 – 2 actuation points N.C./N.O. contacts
Mounting	CSA – M24x1,5 thread connection
	CA – M18x1,5 thread connection
	CFA – Ø 52 flange
	CTA – G1" thread connection
Electrical connection	DIN 43650 – PG09 – IP65
Switching capacity	LM1/LMM1 - 60W/VA
	LM2 – 30W/VA
Current	LM1/LMM1- 0,8A (resistive)
	LM2 - 0,5A (resistive)
Max voltage	220V – 50Hz
Temperature range	-10°C +80°C
Max pressure	10 bar
Fluid specific weight	≥0.7
Fluid viscosity	150 cSt
Certification and approvals	RINA – Lloyd's Register – Germanischer Lloyd
Size	Max possible length 1500mm

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Level Switches to detect Minimum/Drain LMV1 A - FA



TECHNICAL DATA

Materials of construction	Stem: brass
	Float: NBR
	Mounting: anodized aluminium
Actuation points	Minimum level: 1 actuation point N.C. contact
	Drain: 1 actuation point N.C. contact
Mounting	A – M18x1,5 thread connection
	FA – Ø 52 flange
Electrical connection	DIN 43650 – PG09 – IP65
Switching capacity	60W/VA
Current	0,8A (resistive)
Max voltage	230V – 50Hz
Temperature range	-10°C +80°C
Max pressure	10 bar
Fluid specific weight	≥0.7
Fluid viscosity	150 cSt
Certification and approvals	- -
Size	Max possible length 1500mm



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Level Switches with LED LM1 LA - LFA



TECHNICAL DATA

Materials of construction	Stem: brass
	Float: NBR
	Mounting: anodized aluminium
Actuation points	1 with N.C. contact
Mounting	LA – M18x1,5 thread connection
	LFA – Ø 52 flange
Electrical connection	DIN 43650 – PG09 – IP65
Switching capacity	60W/VA
Current	0,8A (resistive)
Max voltage	230V – 50Hz
Temperature range	-10°C +80°C
Max pressure	10 bar
Fluid specific weight	≥0.7
Fluid viscosity	150 cSt
Certification and approvals	- -
Size	Max possible length 1500mm
	LED voltage: 24Vdc/Vac
	110Vac
	220Vac



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