E-FLY

A RELIABLE PRODUCT FOR DEMANDING CONDITIONS

Double-chamber model with built-in counterweight. Designed for clear, waste, and sewage water in both turbulent and potentially explosive environments.

E-FLY is a tilt float switch featured by a substantial weight, smooth shape and a switching angle of: +/- 10°, which ensures accurate performance in applications exposed to turbulent waters and high levels of grease. Furthermore, e-Fly incorporates a counterweight to maintain proper balance, a double watertight chamber rated at IP68 for resistance against shocks, as well as gold-plated electric contacts, avoiding oxidation in low-current applications. The synergy of these features guarantees a durable and high-quality solution for demanding environments.

Also available in an ATEX certified version, making it suitable for applications in environments at risk of explosion.

CERTIFICATIONS

TÜVRheinland

DESIGNED FOR

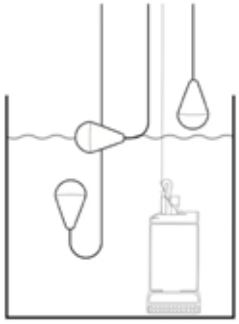
Turbulent waters

Wastewater, sewage

Presence of solids and layers of grease on the surface



APPLICATIONS

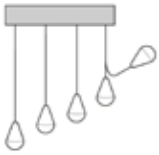


- Pumping stations,
- Level control in tanks, cisterns for clean, rain, and loaded water,
- High-level/overflow alarm switch,
- Dry-running protection for low-level detection,
- ATEX certified version for applications in potentially explosive environments.

TECHNICAL SPECIFICATIONS

Microswitch Electrical Features	10(3)A 250 V~
Max Fluid Temperature	+50°
Dimensions	Ø100 mm / H156 mm / Volume 620 cm3
Weight (without cable)	700g (without cable)
Switching Angle	±10°
IP Protection Rating	IP68
Max Working Pressure	2 bar
Cable Lengths	5, 10, 20 m
Body Material	Non-toxic Polypropylene (PP)
Cable Types	PVC 3X1 / NEOP.H07RN-F 3 x 1 / H07BN4-F 3 x 1 (other cables available upon request)
Available Functions	DOUBLE: filling and emptying

ACCESSORIES: Bracket



Weight	500gr
Dimensions	37, 4 x 9 x 7 mm
Material	Galvanized steel

FUNCTION	SWITCHING ANGLES	MICROSWITCH	HOMOLOGATION	APPROV.	CABLE TYPE	NUMBER OF CABLES AND SECTION	GROUND CABLE	INSULATION CLASS	ITEM
DOUBLE (filling and emptying)	±10°	***10(3)A-250V***	10(3)A - 250V	TÜV/CE	**PVC**	3 x 1mm²	NO	II	EPM
DOUBLE (filling and emptying)	±10°	***10(3)A-250V***	10(3)A - 250V	TÜV/CE	**NEOPRENE H07RN-F**	3 x 1mm²	NO	II	EGM
DOUBLE (filling and emptying)	±10°	***10(3)A-250V***	10(3)A - 250V	TÜV/CE	**NEOPRENE H07BN4-F**	3 x 1mm²	NO	II	EYM
DOUBLE (filling and emptying)	±10°	***10(3)A-250V***	10(3)A - 250V	ATEX	**PVC**	3 x 1mm²	NO	II	EPM_Atex
DOUBLE (filling and emptying)	±10°	***10(3)A-250V***	10(3)A - 250V	ATEX	**NEOPRENE H07RN-F**	3 x 1mm²	NO	II	EGM_Atex
DOUBLE (filling and emptying)	±10°	***10(3)A-250V***	10(3)A - 250V	ATEX	**NEOPRENE H07BN4-F**	3 x 1mm²	NO	II	EYM_Atex

COUNTERWEIGHT



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

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