Float Switch EHZ 6.3 (Ex-Applications)

EHZ

for filling or emptying control

for level control in tanks, basins, ...

available with a choice of connecting cables

Float Switch EHZ 6.3

The EHZ 6.3 is a mechanically activated float switch designed for level control in shafts, tanks, basins or similar. It is available with a choice of connecting cables which are resistant to water and waste water, oils and fats, many acids and bases.

Easy Operation

The desired activation level is simply adjusted by increasing or decreasing the free cable length between float switch and fixed point.

Technical Data

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• Float Colour:	blue	• Activation angle:	+/- 45°
• Standard cable:	H07RN-F 2x1 blue	• Dimensions:	115x68x41mm
• Max. electric load:	100mA 24 V AC	• Volume:	210cm³
• Switching cycles:	min. 50'000	• Weight:	110g
• Operating temperature:	max. 60°C in water	• Buoyancy (in water):	100g
	(with standard cable)	• Housing:	Polypropylene
• Storage temperature:	max. 95°C	• Protection class:	IP68
		• Certifications:	CE

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Cable Types

Examples of connecting cables for the EHZ 5.x, 6.x and B float switches. Depending on the application, cables with or without protective earth (PE) can be supplied. The information on media resistance is a guideline and tests may be required. For more details, please contact us.

H07RN8-F 3G1 black	Standard cable with PE resistant to water/sewage water
H07RN-F 2x1 blue	Cable without PE, resistant to water/sewage water , for EX-I applications
Polyurethane sheathing (H05BQ-F 3G1) orange TPE sheating (TPE/TPE) 3G1 green	Resistant to media containing oils and fats, acids, bases and several chemical agents
Silicione sheating (Heat 180 EWKF 3G1)	Resistant to high temperatures

Schematics and Wiring
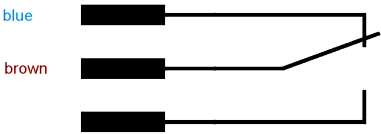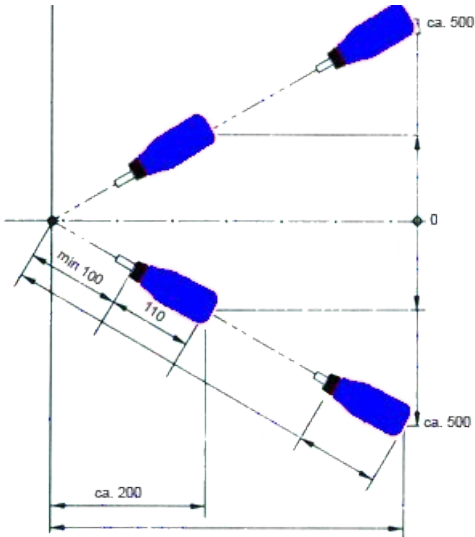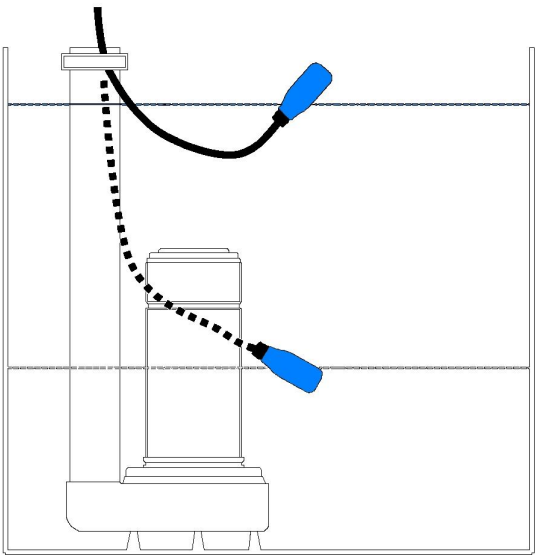
Notes

EHZ float switches are designed and manufactured according to general rules of technology and considered as safe to operate. They must, however, be installed by trained personnel. In case of damage to the connecting cable, the complete device has to be replaced.