

Float Switch EHZ 6.2 (Changeover Switch)



changeover switch

for level control in tanks, basins, ...

available with a choice of connecting cables



Float Switch EHZ 6.2 (Changeover)

The EHZ 6.2 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

• Float Colour:	orange	• Dimensions:	115x68x41mm
• Standard cable:	05RN8-F 4G0,75 black	• Volume:	210cm ³
• Max. electric load:	6(6)A 250V AC alternatively 10(8)A with cable 4G1	• Weight:	110g
• Motor Rating:	1 HP / 125V AC 2 HP / 250V AC	• Buoyancy (in water):	100g
• Switching cycles:	min. 50'000	• Housing:	Polypropylene
• Operating temperature:	max. 40 °C in water (with standard cable)	• Protection class:	IP68
• Storage temperature:	max. 95 °C	• Certifications	
• Activation angle:	+/- 45°	- with cable H05RN-F 4G0,75:	DIN EN 60730-1:2021-06; EN 60730-1:2016+A1:2019 DIN EN IEC 60730-2-15: 2020-02
		- with alternative cables:	CE



EHZ GMBH

Grafinger Straße 27
85665 Moosach
WEEE-Reg.-Nr. DE 69857843

Phone: +49 (0) 8091 5636750
Fax: +49 (0) 8091 5636751

ehz@ehz.de
www.ehz.de

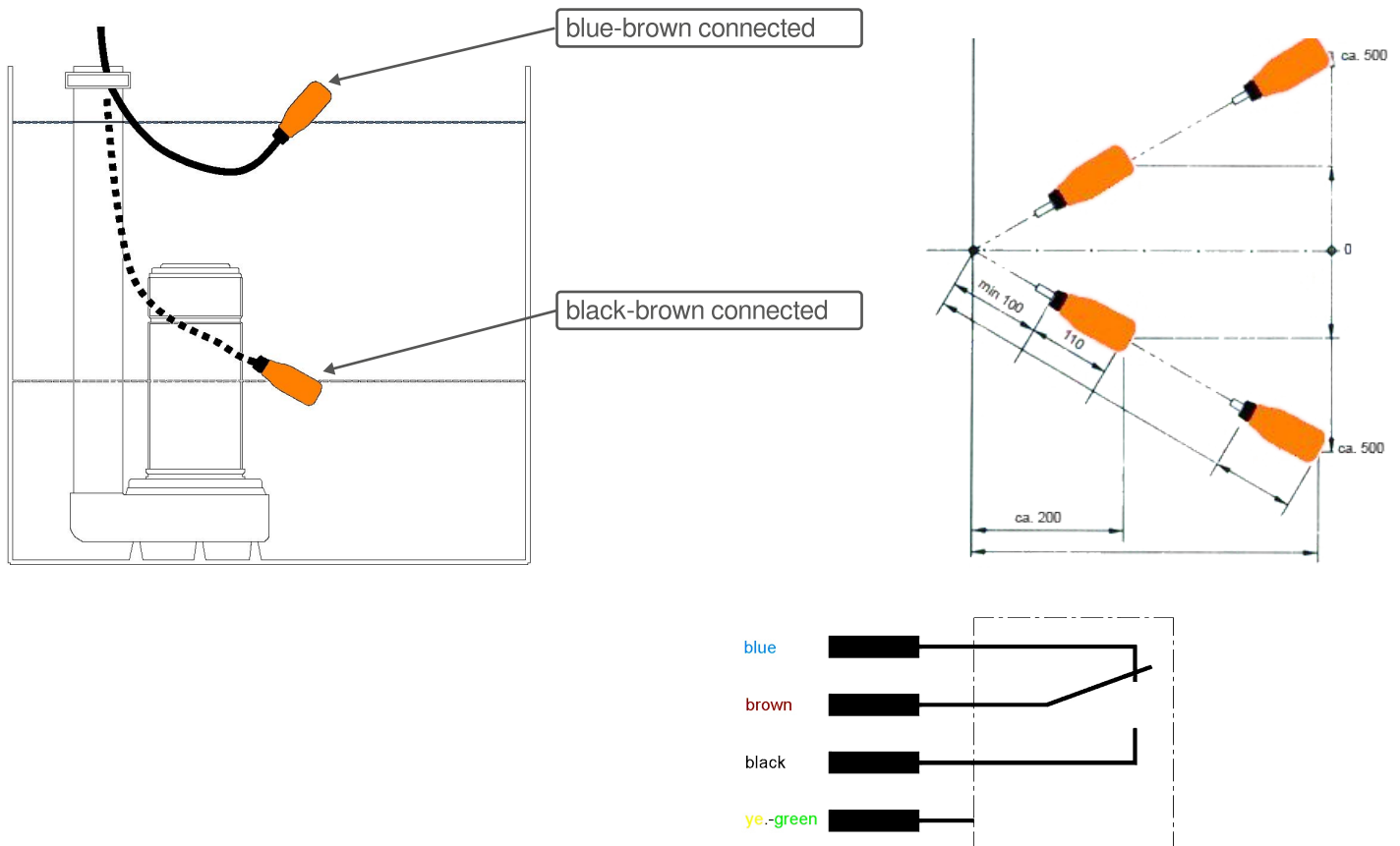
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Cable Types

Examples of connecting cables for the EHZ 5.x, 6.x and B float switches in changeover configuration. 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.

05RN8-F 4G0,75 black	Standard cable with PE, resistant to water/sewage water
H05RN-F 4G0,75 black	Cable with PE, resistant to water/sewage water
H07RN8-F 3x1 black	Cable without PE, resistant to water/sewage water
Polyurethane sheathing (H05BQ-F 4G0,75) orange TPE sheathing (TPE/TPE) 4G1 green	Resistant to media containing oils and fats, acids, bases and several chemical agents
Silicone sheathing SiHF 4G1	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.

