



MG-33PR

COMPACT MAGNETIC LEVEL GAUGE

GENERAL FEATURES

MG-33S + EG-11 Level control devices are compatible leveling systems that can be integrated into automation systems for remote monitoring of tanks. The Reed switches in the proportional bar create an omeg signal with the help of a magnet and convert this signal to an automation signal with the help of the panel.

It can be integrated into 4-20mA or 0-10V automation signal and contact, alarm can be taken or pump start / stop can be done at desired points. You can contact the system by connecting 0,75 mm shielded cable between the connection of the EG-11 2R control panel supplied with the product and the level indicator as well as the socket connection of the proportional bar installed.

Application Areas

- All steam boilers
- Waste water systems
- Filling and unloading containers
- All chemical and petrochemical tanks
- Tanks for petroleum and petroleum products
- Oil boilers
- Diesel fuel tanks and generator sets
- Submarine, helicopter and ship fuel tanks

Advantages

- Continuous and easy monitoring
- Sealing construction
- Desired length and connection manufacturing
- Possibility to work in variable density flow
- Manufacturing according to various installation types
- Long life
- Easy maintenance

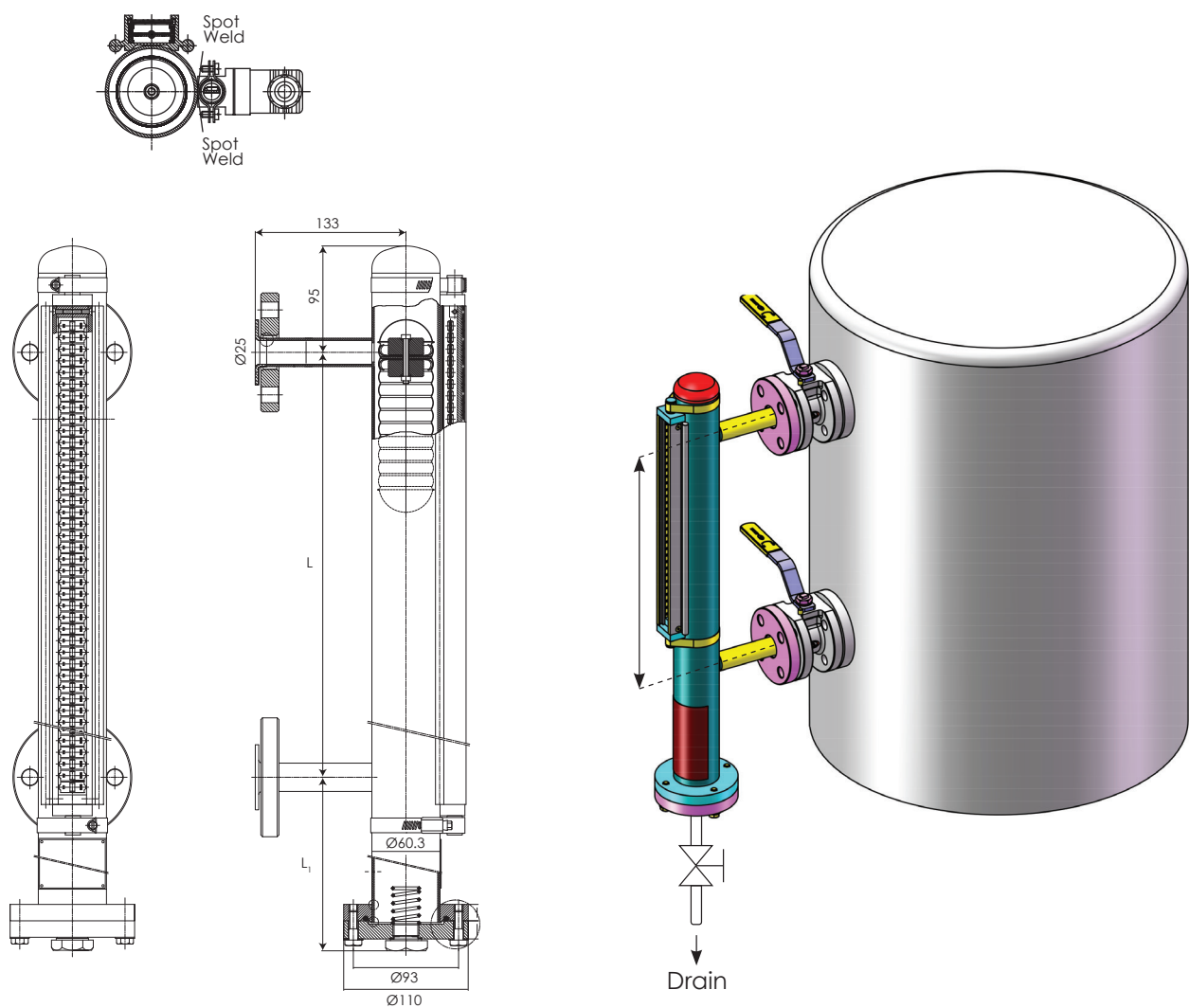
PRODUCT FEATURES

Body	: AISI 304/316 Stainless Steel
Float	: AISI 316L Stainless Steel
Magnetic Disc	: Aluminium
Flap	: Plastic/Aluminium
Connection	: Flanged, M/F, Union
Flange Types	: DIN, ANSI, JIS
Flange Materials	: Carbon Steel St 37.2/ Stainless Steel (Opt.)
Max. Working Pressure	: PN10/16/25/40 (Opt.)
Max. Working Temp.	: 160 °C
Contact Availability	: Yes
Drain Cap	: 3/8"



* For different size, connection, temperature, pressure and applications please consult our sales team.

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SPARE PARTS	
Connection Types	Flanged
Flanged	Carbon Steel / Stainless Steel (DIN, ANSI, JIS)
Float	Stainless Steel (PN 40)
By-pass Tube	Stainless Steel (AISI 304 / 316)
Bolt	Stainless Steel
Drain Bolt	Stainless Steel
Magnetic Disc	Plastic / Aluminum
Position Window	Acrylic
Cover	Stainless Steel

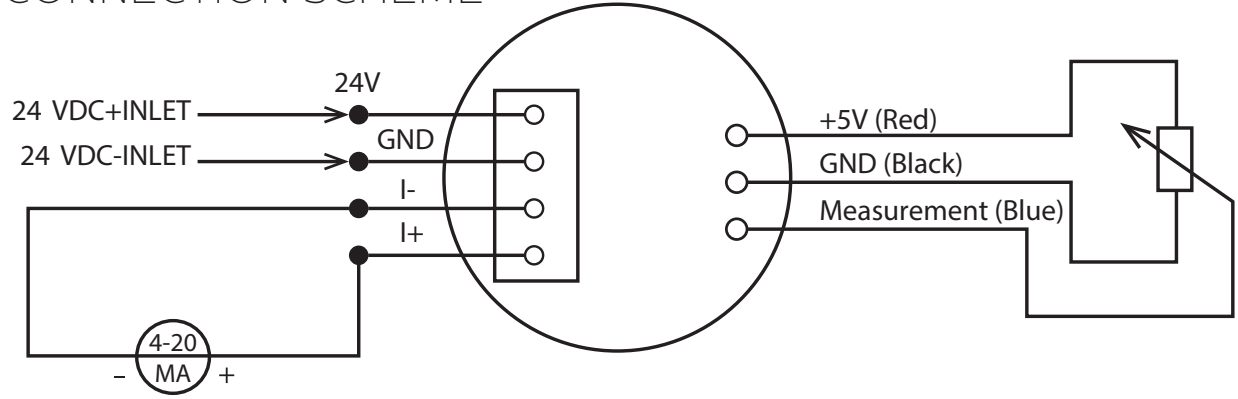
Please Specify Below Specifications During Order

- Connection type and dimension (Flanged, M/F, Union)
- Distance between connections (from upper pipe center to bottom pipe center)
- Fluid density
- Fluid temperature

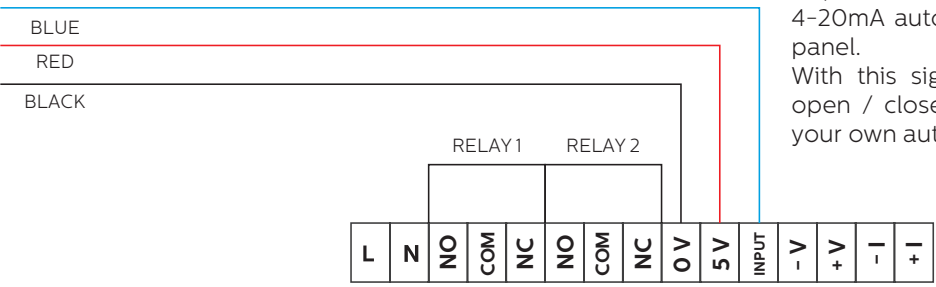
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4-20 mA CONVERTER CONNECTION SCHEME



EG-11 ELECTRICAL CONNECTION SCHEME



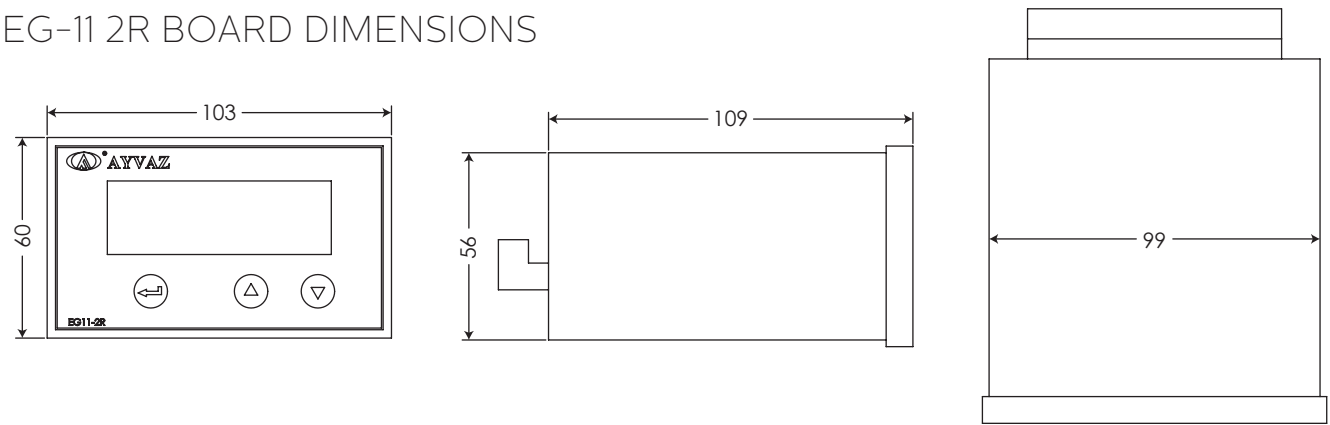
As shown in the above drawing, the system can be activated by connecting the grounding terminal to 0V, 1 terminal to 5V, 2 terminals to INPUT, 0-10V or 4-20mA automation output can be taken over the panel. With this signal you can start / stop the pump, open / close the valve or get the alarm signal via your own automation system.

You can connect + end from transformer to 24V and - end from transformer to GND(Ground) then I- end to our system mA- end, I+ end to our system mA+ end. After that connections, systems will be ready. With this signal, you can start / stop the pump, open / close the valve or get the alarm signal via your automation system.

MG-33S+EG-11 (DIRECT OUTPUT)

If your system is directly compatible with 4-20mA automation signal, you can also activate the device with your own PLC system without using the panel.

EG-11 2R BOARD DIMENSIONS



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