



WEMAUSA
I N C O R P O R A T E D

Catalogue 2012-2013

www.wemausa.com























Features:









- IP67 protection rating for the whole gauge; can work up to 1m underwater;
- Excellent anti-fogging performance;
- 316 Stainless steel bezel with curved glass;
- Easy installation with multi-plug socket connection design;
- Selection of red or yellow backlight;
- Default working voltage: 12V
 - Compatible also with 24V for stepping motor and LCD type gauges;
 - Require an extra resistor to work with 24V for cross coil type gauge.

















FUEL LEVEL							
Art. No.	Model	Signal	Picture Indicating	Bezel	Indicating Range	Working Voltage	Installation Dimension
110620	IPFR-BS-0-190	0-190Ω		SUS 316	Empty-Full	12V/24V	2 1/16" 52 mm
110624	IPFR-WS-0-190			plastic in black			
110320	IPFR-BB-0-190			plastic in white			
110324	IPFR-WW-0-190			plastic in white			
110625U	UPFR-BS-240-33	240-33Ω		SUS 316			
110626U	UPFR-WS-240-33			plastic in black			
110325U	UPFR-BB-240-33			plastic in white			
110326U	UPFR-WW-240-33			plastic in white			


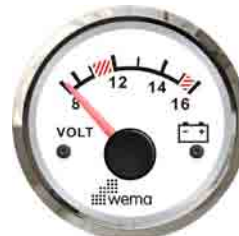






WATER LEVEL							
							
Art. No.	Model	Signal	Picture Indicating	Bezel	Indicating Range	Working Voltage	Installation Dimension
110610	IPWR-BS-0-190	0-190Ω		SUS 316	Empty-Full	12V/24V	2 1/16" 52 mm
110614	IPWR-WS-0-190			plastic in black			
110310U	IPWR-BB-0-190			plastic in white			
110314	IPWR-WW-0-190			plastic in white			
110615U	UPWR-BS-240-33	240-33Ω		SUS 316			
110616U	UPWR-WS-240-33			plastic in black			
110315U	UPWR-BB-240-33			plastic in white			
110316U	UPWR-WW-240-33			plastic in white			

















WATER TEMP.							
							
Art. No.	Model	Signal	Picture Indicating	Bezel	Indicating Range	Working Voltage	Installation Dimension
110655	IPTR-BS-40-120	Matched with WEMA temperature sensor		SUS 316	40-120°C	12V/24V	2 1/16" 52 mm
110659	IPTR-WS-40-120			plastic in black			
110355	IPTR-BB-40-120			plastic in white			
110359	IPTR-WW-40-120			plastic in white			

OIL TEMP.							
							
Art. No.	Model	Signal	Picture Indicating	Bezel	Indicating Range	Working Voltage	Installation Dimension
110670	IPYR-BS-40-120	Matched with WEMA temperature sensor		SUS 316	50-150°C	12V/24V	2 1/16" 52 mm
110671	IPYR-WS-40-120			plastic in black			
110370	IPYR-BB-40-120			plastic in white			
110371	IPYR-WW-40-120			plastic in white			

OIL PRESSURE							
							
Art. No.	Model	Signal	Picture Indicating	Bezel	Indicating Range	Working Voltage	Installation Dimension
110674	IPPR-BS-0-5	240-33Ω		SUS 316	0-5Bar	12V/24V	2 1/16" 52 mm
110675	IPPR-WS-0-5			plastic in black			
110374	IPPR-BB-0-5			plastic in white			
110375	IPPR-WW-0-5			plastic in white			
110676	IPPR-BS-0-10			SUS 316	0-10Bar		
110677	IPPR-WS-0-10			plastic in black			
110376	IPPR-BB-0-10			plastic in white			
110377	IPPR-WW-0-10			plastic in white			
110678	IPPR-BS-0-25			SUS 316	0-25Bar		
110679	IPPR-WS-0-25			plastic in black			
110378	IPPR-BB-0-25			plastic in white			
110379	IPPR-WW-0-25			plastic in white			



VOLTMETER							
							
Art. No.	Model	Signal	Picture Indicating	Bezel	Indicating Range	Working Voltage	Installation Dimension
110630	IPVR-BS-8-16	8-16V		SUS 316	8-16V	12V	2 1/16" 52 mm
110634	IPVR-WS-8-16			plastic in black			
110330	IPVR-BB-8-16			plastic in white			
110334	IPVR-WW-8-16			plastic in white			

AMMETER								
	Art. No.	Model	Signal	Picture Indicating	Bezel	Indicating Range	Working Voltage	Installation Dimension
JY06005	IMAR-BS±50	Matched with WEMA current pick-up unit		SUS 316	±50 A	12V/24V	2 1/16" 52 mm	
JY06105	IMAR-WS±50							
JY06206	IMAR-BB±50							
JY06301	IMAR-WW±50							
JY06003	IMAR-BS±80	Matched with WEMA current pick-up unit		SUS 316	±80 A			
JY06106	IMAR-WS±80							
JY26200	IMAR-BB±80							
JY06300	IMAR-WW±80							
JY06006	IMAR-BS±150	Matched with WEMA current pick-up unit		SUS 316	±150 A			
JY06107	IMAR-WS±150							
JY06207	IMAR-BB±150							
JY06302	IMAR-WW±150							









CURRENT PICK-UP UNIT














* The Ammeter works exceptionally well with WEMAUSA current pick-up unit.

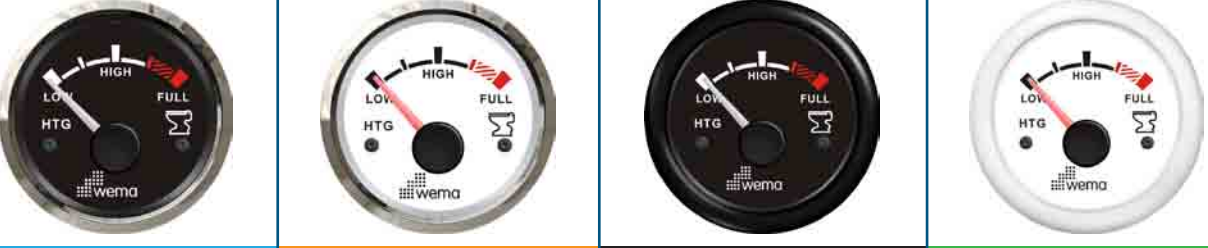




* Working voltage of WEMAUSA current pick-up unit is 8-32VDC, which is wider and compatible with most of the Ammeters.









* With Hall's current testing method, WEMA USA's current pick-up unit has long service life and accurate output. It also has the function of charge-discharge detection.




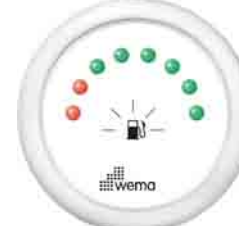




CLOCK								
	Art. No.	Model	Signal	Picture Indicating	Bezel	Indicating Range	Working Voltage	Installation Dimension
	110661	IMCR-BS-12(Clock)	N/A		SUS 316	12-hour format	12V/24V	2 1/16" 52 mm
	110662	IMCR-WS CLOCK						
	110361	IMCR-BB CLOCK			plastic in black			
110362	IMCR-WW-12(Clock)			plastic in white				




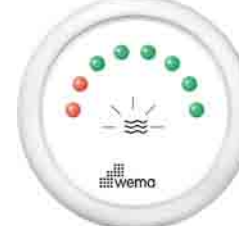




RUDDER ANGLE							
							
Art. No.	Model	Signal	Picture Indicating	Bezel	Indicating Range	Working Voltage	Installation Dimension
110665	IMRR-BS-87-900	N/A		SUS 316	R-L	12V/24V	2 1/16" 52 mm
110666	IMRR-WS-87-900			SUS 316 in black			
110365	IMRR-BB-87-900			plastic in black			
110366	IMRR-WW-87-900			plastic in white			
110080	IMRR-BB-87-900			plastic in white			




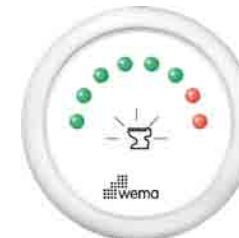




TRIM							
							
Art. No.	Model	Signal	Picture Indicating	Bezel	Indicating Range	Working Voltage	Installation Dimension
110636	IMIR-BS-10-180	240-33Ω		SUS 316	UP-DOWN	12V/24V	2 1/16" 52 mm
110611	IMIR-WS-10-180			plastic in black			
110612	IMIR-BB-10-180			plastic in white			
110613	IMIR-WW-10-180			plastic in white			









HOLDING TANK							
							
Art. No.	Model	Signal	Picture Indicating	Bezel	Indicating Range	Working Voltage	Installation Dimension
110697U	HTG-BS-240-33	240-33Ω		SUS 316	LOW-FULL	12V/24V	2 1/16" 52 mm
110698U	HTG-WS-240-33			plastic in black			
110397U	HTG-BB-240-33			plastic in white			
110398U	HTG-WW-240-33			plastic in white			




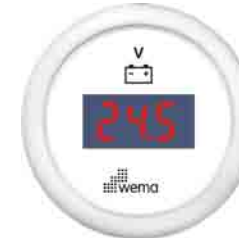




NAVIGATION INDICATOR								
	Art. No.	Model	Signal	Picture Indicating	Bezel	Indicating Range	Working Voltage	Installation Dimension
	110653	IONR-BS-5LED	Matched with WEMA controller		SUS 316	N/A	12V/24V	2 1/16" 52 mm
	110654	IONR-WS-5LED						
	110353	IONR-BB-5LED			plastic in black			
	110354	IONR-WW-5LED			plastic in white			

















LED FUEL LEVEL								
	Art. No.	Model	Signal	Picture Indicating	Bezel	Indicating Range	Working Voltage	Installation Dimension
	JY10025	UDFR-BS-240-33	N/A		SUS 316	N/A	12V/24V	2 1/16" 52 mm
	JY10106	UDFR-WS-240-33						
	JY10216	UDFR-BB-240-33			plastic in black			
	JY10301	UDFR-WW-240-33			plastic in white			

LED WATER LEVEL								
	Art. No.	Model	Signal	Picture Indicating	Bezel	Indicating Range	Working Voltage	Installation Dimension
	JY11011	UDWR-BS-240-33	N/A		SUS 316	N/A	12V/24V	2 1/16" 52 mm
	JY1107	UDWR-WS-240-33						
	JY11203	UDWR-BB-240-33			plastic in black			
	JY11300	UDWR-WW-240-33			plastic in white			

LED HOLDING TANK								
	Art. No.	Model	Signal	Picture Indicating	Bezel	Indicating Range	Working Voltage	Installation Dimension
	JY12012	UDGR-BS-240-33	N/A		SUS 316	N/A	12V/24V	2 1/16" 52 mm
	JY12108	UDGR-WS-240-33			plastic in black			
	JY12203	UDGR-BB-240-33			plastic in white			
	JY12301	UDGR-WW-240-33						

















HOURMETER								
	Art. No.	Model	Signal	Picture Indicating	Bezel	Indicating Range	Working Voltage	Installation Dimension
	110651	ICUR-BS	N/A		SUS 316	0-99999	12V/24V	2 1/16" 52 mm
	110652	ICUR-WS			plastic in black			
	110351	ICUR-BB			plastic in white			
	110352	ICUR-WW						












DIGITAL VOLTMETER								
	Art. No.	Model	Signal	Picture Indicating	Bezel	Indicating Range	Working Voltage	Installation Dimension
	110660	IEVR-BS-8-32	8-32V		SUS 316	8-32V	12V/24V	2 1/16" 52 mm
	110664	IEVR-WS-8-32			plastic in black			
	110360	IEVR-BB-8-32			plastic in white			
	110364	IEVR-WW-8-32						

DIGITAL AMMETER								
	Art. No.	Model	Signal	Picture Indicating	Bezel	Indicating Range	Working Voltage	Installation Dimension
JY26000	IEAR-BS±50A	Matched with WEMA current pick-up unit		SUS 316	±50A	12V/24V	2 1/8" 52 mm	
JY26102	IEAR-WS±50A							plastic in black
JY26204	IEAR-BB±50A			plastic in white				
JY26300	IEAR-WW±50A							
JY26006	IEAR-BS±80A	Matched with WEMA current pick-up unit		SUS 316	±80A			
JY26103	IEAR-WS±80A							plastic in black
JY26205	IEAR-BB±80A			plastic in white				
JY26301	IEAR-WW±80A							
110637	IEAR-BS±150A	Matched with WEMA current pick-up unit		SUS 316	±150A			
110638	IEAR-WS±150A							plastic in black
110337	IEAR-BB±150A			plastic in white				
110338	IEAR-WW±150A							














WEMA-USA - Your No.1 gauge destination.

SPEEDOMETER							
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Art. No.	Model	Signal	Picture Indicating	Bezel	Indicating Range	Working Voltage	Installation Dimension
JY18002	IPOB-BS-35MPH	Pitot tube provides pressure signals		SUS 316	0-35MPH	12V/24V	3 3/8" 85 mm
JY18100	IPOB-WS-35MPH						
JY18200	IPOB-BB-35MPH						
JY18300	IPOB-WW-35MPH						
JY18001	IPOB-BS-55MPH			SUS 316	0-55MPH		
JY18101	IPOB-WS-55MPH						
JY18201	IPOB-BB-55MPH						
JY18301	IPOB-WW-55MPH						
JY18003	IPOB-BS-65MPH			SUS 316	0-65MPH		
JY18103	IPOB-WS-65MPH						
JY18102	IPOB-BB-65MPH						
JY18302	IPOB-WW-65MPH						

GPS SPEEDOMETER							
							
Art. No.	Model	Signal	Picture Indicating	Bezel	Indicating Range	Working Voltage	Installation Dimension
110632U	IMSB-BS-15L	GPS		SUS 316	0-15Knots	12V/24V	3 3/8" 85 mm
110633U	IMSB-WS-15L			plastic in black			
110395U	IMSB-BB-15L			plastic in white			
110396U	IMSB-WW-15L			plastic in white			
110393	IMSB-BS-30L	GPS		SUS 316	0-30Knots		
110694	IMSB-WS-30L			plastic in black			
110693	IMSB-BB-30L			plastic in white			
110394	IMSB-WW-30L			plastic in white			
110688	IMSB-BS-60L	GPS		SUS 316	0-60Knots		
110689	IMSB-WS-60L			plastic in black			
110388	IMSB-BB-60L			plastic in white			
110389	IMSB-WW-60L			plastic in white			

TACHOMETER

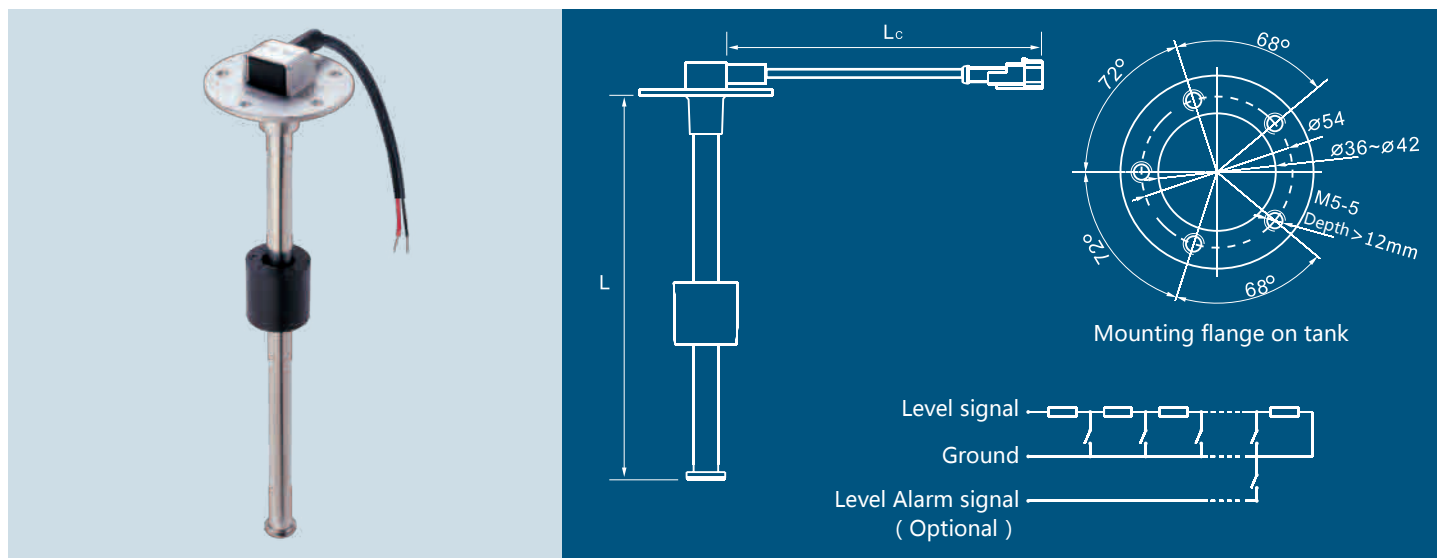


Art. No.	Model	Speed Ratio	Picture Indicating	Bezel	Indicating Range	Working Voltage	Installation Dimension
110684	IMHB-BS-4KL	1.0-10.0		SUS 316	0-4000rpm	12V/24V	3 3/8" 85 mm
110685	IMHB-WS-4KL			plastic in black			
110384	IMHB-BB-4KL			plastic in white			
110385	IMHB-WW-4KL			plastic in white			
110686	IMHB-BS-8KL	1.0-10.0		SUS 316	0-8000rpm		
110687	IMHB-WS-8KL			plastic in black			
110386	IMHB-BB-8KL			plastic in white			
110387	IMHB-WW-8KL			plastic in white			

*Note: The speed ratio is adjustable. Alternative ratio range is 0.5~250.0



SSS/SSL Series

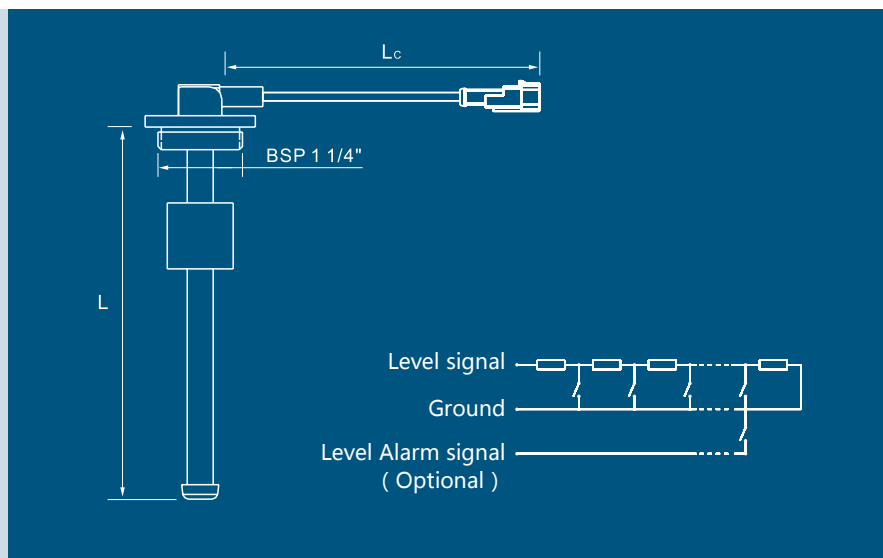


- ◆ **Materials:** The main body is made of SUS316
- ◆ **Length range:**
Available 4" through 18.5" at 0.5" increments.
Available 19" through 60" at 1/2" increments. Length can also be customized according to customer specifications.
- ◆ **Mounting:**
Standard SAE 5 hole pattern.
- ◆ **Accessories:**
* 5pieces if M5
* 2mm thick NBR gasket or recommended 2 mm thick FPM gasket if be used on gas tank.
- ◆ **Protection rank:** IP67
- **Rated Power:** 125mW
- **Rated Current for alarm switch:** 500mA
- **Wire:** PVC material (PA corrugated pipe cover is optional)
- **Connector:** Delphi, Metri-pak, Tyco or others are available according to customer's specification.
- **Output signal:**
Resistance control signal. Stock is American standard 240 ~ 33Ω. European standard 0~190Ω or other control signals (current, voltage) can be made available upon request.
- **Resolution range:** 10~40mm
- **Operating temperature:** -40°F ~ +185°F (+40°C ~ +85°C)

Art No.	Length	Output Singal	Mounting	Gasket	Alarm	Length Of Wire(Lc)	Material
	4"-60"	240~33 Ω	SAE standard five holes	Optional	NO	18" (460 mm)	SUS 316
Customized	Customized	Customized	Customized	NBR/FPM	YES/NO	Customized	Customized

Please contact us for more details.

S3U Series

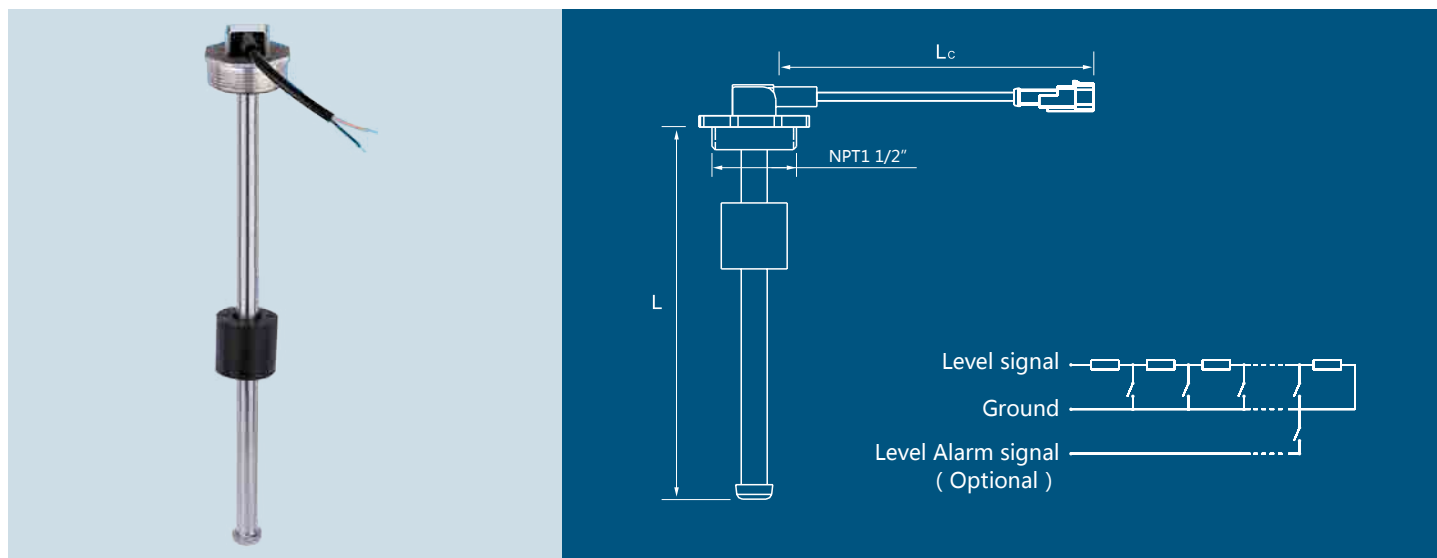


- ◆ **Materials:** The main body is made of SUS316
- ◆ **Length range:**
Available 4" to 60" at 1" increments.
Length can also be customized according to customer specifications.
- ◆ **Assembly:**
BSP 1 1/4" thread twist in. Adaptors are available for other mounting methods.
- ◆ **Mounting:**
-38mm×2.6mm O-ring
-43mm×3.5mm O-ring
- ◆ **Protection rank:** IP67
- **Rated Power:** 125mW
- **Rated Current for alarm switch:** 500mA
- **Wire:** PVC material (PA corrugated pipe cover is optional)
- **Connector:** Delphi, Metri-pak, Tyco or others are available according to customer's specification.
- **Output signal:**
Resistance control signal. Stock is American standard 240 ~ 33Ω.
European standard 0~190Ω or other control signals (current, voltage) can be made available upon request.
- **Resolution range:** 10~40mm
- **Operating temperature:** -40°F ~ +185°F (+40°C ~ +85°C)

Art No.	Length	Output Singal	Mounting	Gasket	Alarm	Length Of Wire(Lc)	Material
	4"-60"	240~33 Ω	BSP 1 1/4" Thread	Optional	NO	18" (460 mm)	SUS 316
Customized	Customized	Customized	Customized	NBR/FPM	YES/NO	Customized	Customized

Please contact us for more details.

S5U Series

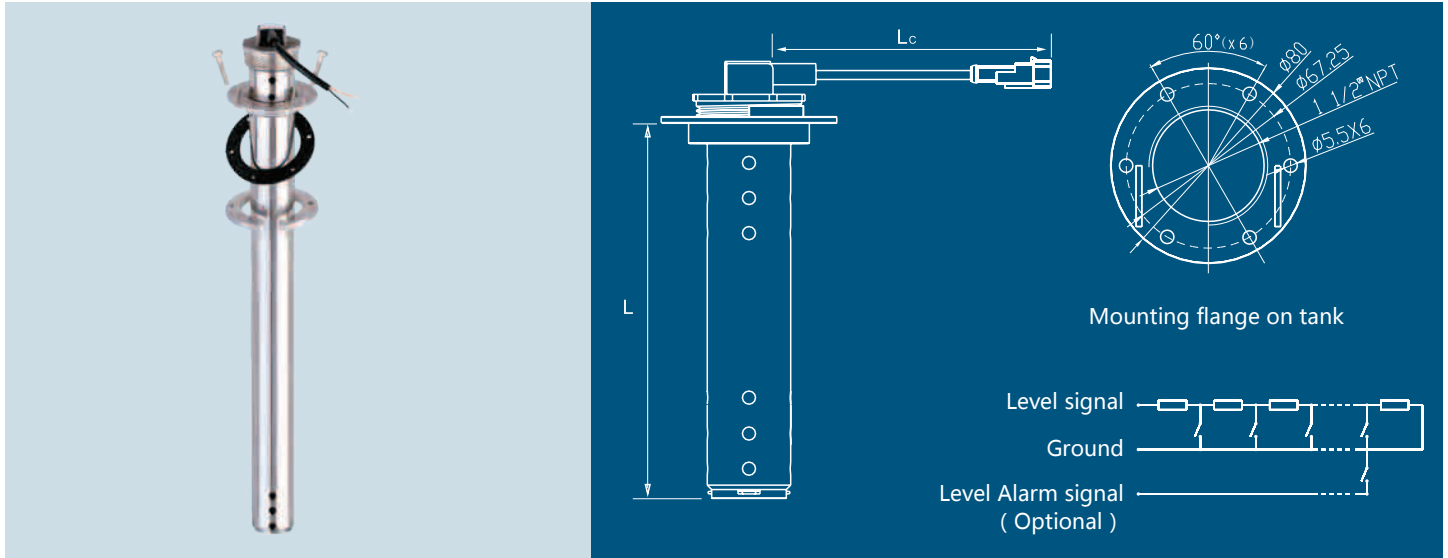


- ◆ **Materials:** The main body is made of SUS316
- ◆ **Length range:**
Available 4" to 60" at 1" increments.
Length can also be customized according to customer specifications.
- ◆ **Assembly:**
NPT 1 1/2" thread twist in. Adaptors are available for other mounting methods.
- ◆ **Mounting:**
-38mm×2.6mm O-ring
-43mm×3.5mm O-ring
- ◆ **Protection rank:** IP67
- **Rated Power:** 125mW
- **Rated Current for alarm switch:** 500mA
- **Wire:** PVC material (PA corrugated pipe cover is optional)
- **Connector:** Delphi, Metri-pak, Tyco or others are available according to customer's specification.
- **Output signal:**
Resistance control signal. Stock is American standard 240 ~ 33Ω.
European standard 0~190Ω or other control signals (current, voltage) can be made available upon request.
- **Resolution range:** 10~40mm
- **Operating temperature:** -40°F ~ +185°F (+40°C ~ +85°C)

Art No.	Length	Output Singal	Mounting	Gasket	Alarm	Length Of Wire(Lc)	Material
	4"-60"	240~33 Ω	NPT 1 1/2" Thread	Optional	NO	18" (460 mm)	SUS 316
Customized	Customized	Customized	Customized	NBR/FPM	YES/NO	Customized	Customized

Please contact us for more details.

SHS Series

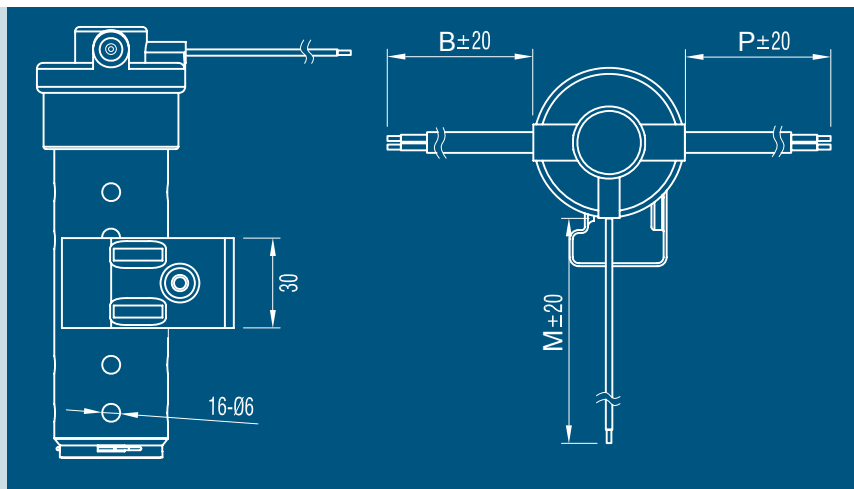


- ◆ Usage: Mainly used in holding tank or other unclean liquid for level measuring.
- ◆ Materials: The main body is made of SUS316 stainless steel.
- ◆ Length range:
4" , 6" , 8" , 12" , 16" , 20" , 30" It can also be customized according to your requirements.
- ◆ Mounting:
NPT 1 1/2" thread twist-in, with standard 6 hole thread flange plate, standard 6 hole under ring and 6 piece of M5×30 threads.
- ◆ Using NPT thread to fix and seal the sensor and flange, with addition of taflon belts to seal if necessary.
- ◆ Protection rank: IP67
- Rated Power: 125mW
- Rated Current for alarm switch: 500mA
- Wire: PVC material (PA corrugated pipe cover is optional)
- Connector: Delphi, Metri-pak, Tyco or others are available according to customer's specification.
- Output signal:
Resistance control signal. Stock is American standard 240 ~ 33Ω.
European standard 0~190Ω or other control signals (current, voltage) can be made available upon request.
- Resolution range: 10~40mm
- Operating temperature: -40°F ~ +185°F (+40°C ~ +85°C)

Art No.	Lengh	Output Singal	Mounting	Gasket	Alarm	Length Of Wire(Lc)	Material
Customized	Customized	Customized	NPT 1 1/2" Thread	N/A	YES/NO	Customized	Customized

Please contact us for more details.

PBK Series

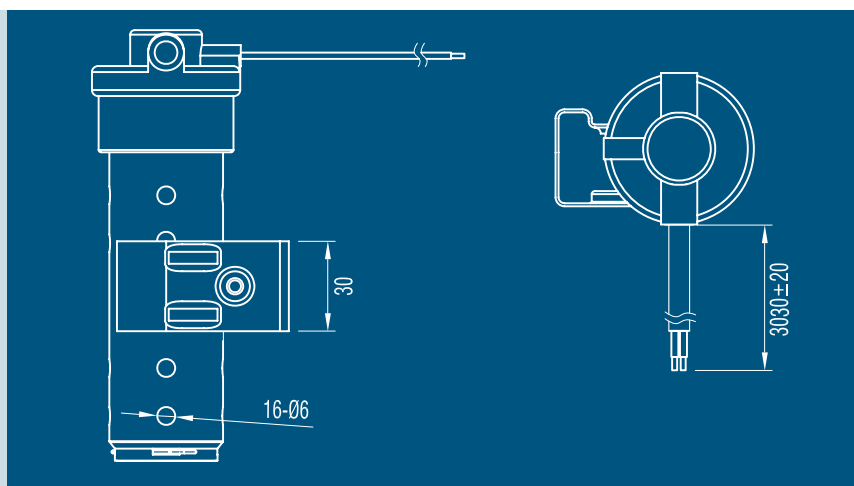


- ◆ Standard length is 4" , length can also be customized. Rating working voltage can be alternative, 12V or 24V. Single core wire can be used, and pump switch can be operated manually.

- This device is for detecting water level at the bottom of your boat, and can also be used as a pump switch. The housing, which can be conveniently disassembled and cleaned, can prevent foreign particles from obstructing the movement of the float.

Art No.	Lengh	Voltage	Mounting	Gasket	Connector	Length Of Wire(Lc)			Material
151102	4"	24V	BSP 1 1/4" Thread	NBR	NO	B:3000 mm	P:800 mm	M:3000 mm	SUS 316
151103	4"	12V	BSP 1 1/4" Thread	NBR	YES	B:600 mm	P:330 mm	M:620 mm	SUS 316
Customized	Customized	Customized	Customized	NBR/FPM	YES/NO	Customized			Customized

OVG Series



- ◆ Standard length is 4" , length can also be customized. Rating working voltage can be alternative, 12V or 24V. Single core wire can be used, and pump switch can be operated manually.

- This device is for detecting water at a level where there is normally no water. When water comes up to alarm level, the buzzer will sound. The housing, which can be conveniently disassembled and cleaned, can prevent foreign particles from obstructing the movement of the float.

Art No.	Lengh	Voltage	Mounting	Gasket	Connector	Length Of Wire(Lc)		Material
151121	4"	24V/12V	BSP 1 1/4" Thread	NBR	NO	3030 mm		SUS 316
Customized	Customized	Customized	Customized	NBR/FPM	YES/NO	Customized		Customized

TN Sensor Series

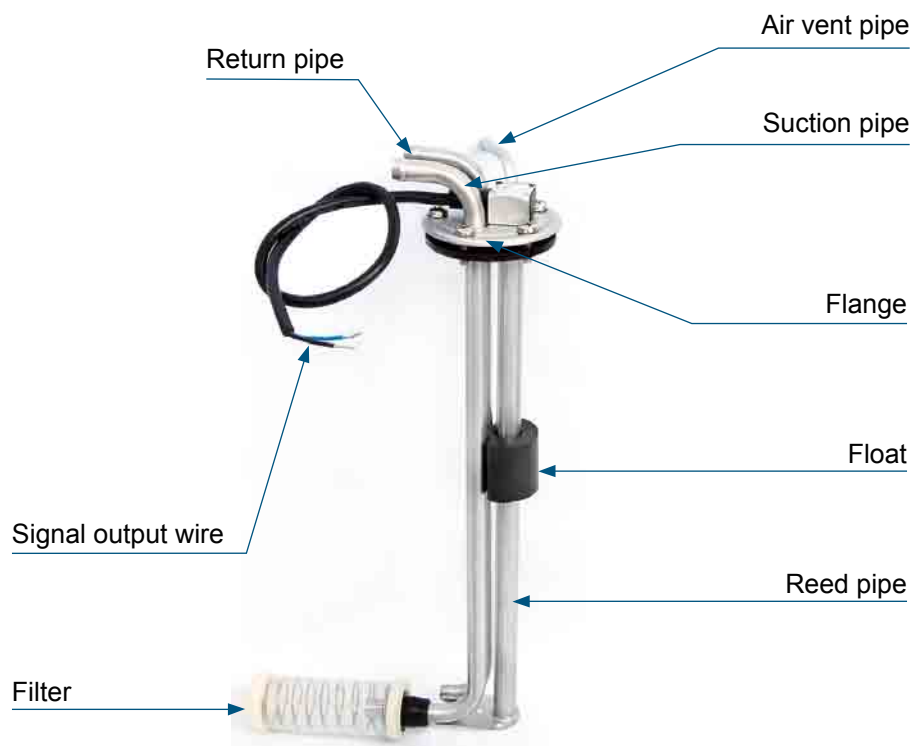


The TN series fuel sensors are made of stainless steels. It uses fluid buoyancy and magnetic induction to measure the liquid level. The sensors provide precise measurements, are corrosion-resistant, and are leak-proof when turned over. These features allow the sensors to be widely used in light trucks, buses, boats, and in various engineering and mechanical fields. The graceful designs and superior quality of the sensors has received approvals and numerous acclaims from famous vehicle OEMs from around the world.

The TN series sensor is a cost effective fuel level sensor designed for smaller trucks and yachts.. The sensor is designed according to the actual tank shape for exact measurements of the tank content. Measurements are done by series of reed switches positioned inside the level tube. A float, with built- in magnets then triggers the reed relays, generating a potential - free resistance with a ohm value that increases or decreases according to the respective fluid level. Resistance output is fully customizable. The float is the only moving part of the sensor, thereby minimizing potential mechanical failures. All sensors are fully insulated to protect against voltage inside the tank.

FUNCTIONS:

- Level indicator
- Suction and return fuel
- Fuel filter (optional)
- Alarm (optional)
- Air vent pipe (optional)



TN Sensor Series

TN series sensor have many shapes due to differences in the fitted tank shapes, connection and placements of the suction and return pipes, and the intended purpose of the sensors. The TN series are classify according to their shapes as follows:



I-L3 Series



I-L3-A Series



L3-A Series



L3 Series



Z3 Series



V-Z3 Series



Z3-A Series



S-Z3 Series



C3 Series



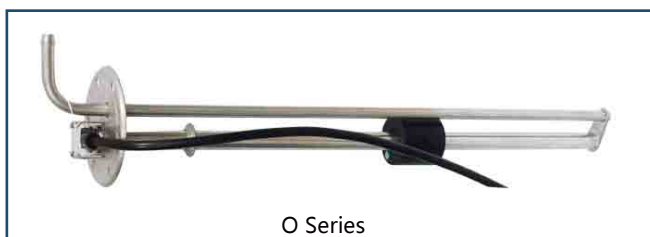
C3-A Series



LC3 Series



I-LC3 Series



O Series

FL Series

* It is applicable for flat tanks, due to its wide effective measurement range.



Please contact us for more details.

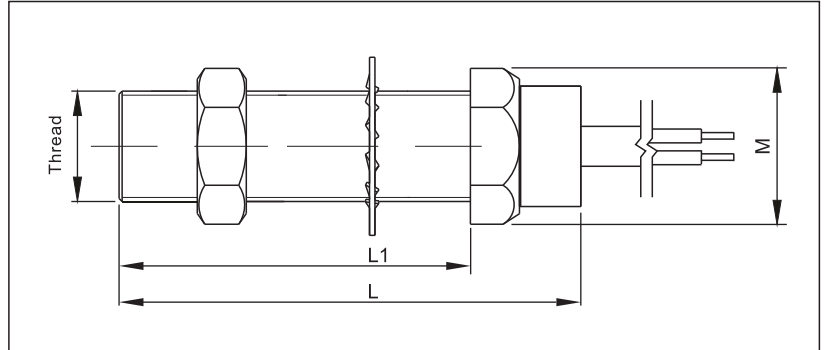
Tacho Sensor



- Used for measuring gear rotation speed. Its main advantages include stable signal output, wide range of operational temperature, small size, and simple assembly process.
- It covers a wide range of measurements, including zero rotation speed.
- The shell appearance, material and thread fitting can be customized as requires.
- Protection rank: IP65

Holzer Tacho Sensor

- Operating voltage: 8~32V with polarity protection
- Operating current: < 50mA
- Operating temperature:
-40°F ~ +185°F (+40°C ~ +85°C)
- Output signal: Square wave
- Signal duty factor: 47±5%
- Inductance distance: ≤2mm
- Connection method: three or four wires connection



Magnetoelectric Tacho Sensor

- Operating temperature:
-40°F ~ +185°F (+40°C ~ +85°C)
- Output signal: sine wave
- Inductance distance: ≤1mm
- Tooth module: 2~6
- Connection method: two wires connection

Art. No.	L(mm)	L1(mm)	Thread	M	Output Signal	Frequency Range(Hz)	Connecting Way	Appearance
JE10025	100	80	M16×1.5	SW19	Sine wave	100-15000	Two wires	Nickel plated
JE10026	65	45	M16×1.5	SW19				
JE10027	100	80	UNF5/8	SW19				
JE10028	80	60	M18×1.5	SW22	Square wave	0-20000	Three wires	
JE10029	80	70	M18×1.5	No hexagon				
JE10030	80	70	M16×1.5	No hexagon				
JE10031	60	40	M18×1.5	SW22				
JE10032	80	70	UNF5/8	No hexagon				
JE10033	80	60	UNF5/8	SW19				

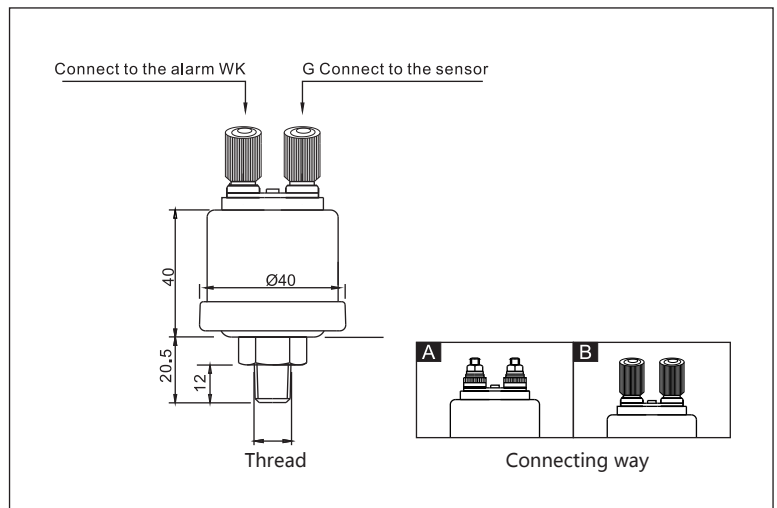
Please contact us for more details.

Pressure Sensor(Mechanical)



- It combines the advantages of excellent anti-vibration performance, long service life, simple assembly process, stable quality, wide range of operating temperature, etc.
- It is largely applied to many fields, such as the engine pipe of vehicles and ships, water processing projects, inspection and control of industrial processes, hydraulic and pneumatic control projects, etc.
- Protection rank: IP66

- Operating voltage: 6~24V
- Conducting power: < 5W
- Operating temperature:
-40°F ~ +185°F (+40°C ~ +85°C)
- Measuring range: 0~5Bar or 0~10Bar
- Alarm: 0.8Bar or 1.4Bar
- Output signal:
European standard resistance value: 10 ~ 184Ω.
American standard 240 ~ 33Ω can be made available upon request.
- Thread fitting: NPT1/4, NPT1/8, M10, M10x1 or customized as requires.



Art. No.	Thread	Measuring Range(Bar)	Alarm(Bar)	Connecting Way	Appearance
JE21138	NPT-1/8	0-5	0.8	B	White zinc plated
JE21139	NPT-1/8	0-5	0.8	A	Color zinc plated
JE21140	NPT-1/4	0-5	0.8	B	White zinc plated
JE21149	NPT-1/8	0-10	0.8	A	Color zinc plated
JE21141	NPT-1/4	0-10	0.8	A	Color zinc plated
JE21142	NPT-1/8	0-10	0.8	B	White zinc plated
JE21143	M10×1	0-10	1.4	B	White zinc plated
JE21144	M10x1	0-10	0.8	B	White zinc plated
JE21145	M10×1	0-10	1.4	A	Color zinc plated
JE21146	M10×1	0-10	1.4	B	White zinc plated
JE21147	NPT-1/4	0-10	0.8	B	White zinc plated
JE20004	M10×1	0-10	No	B	White zinc plated
JE21148	NPT-1/4	0-10	1.4	B	White zinc plated

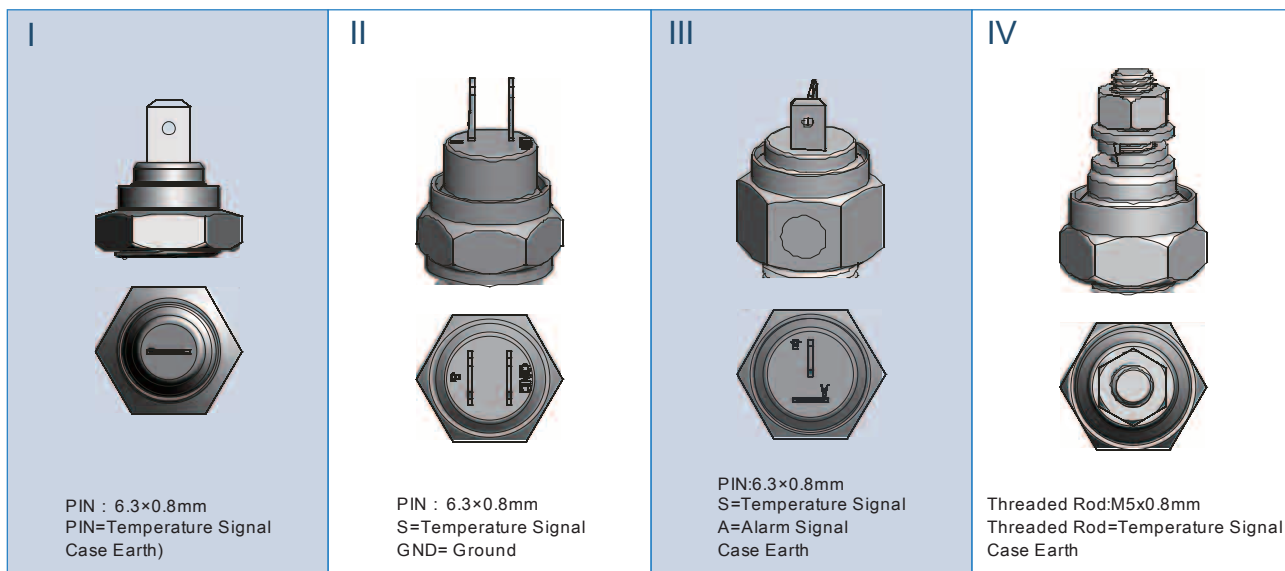
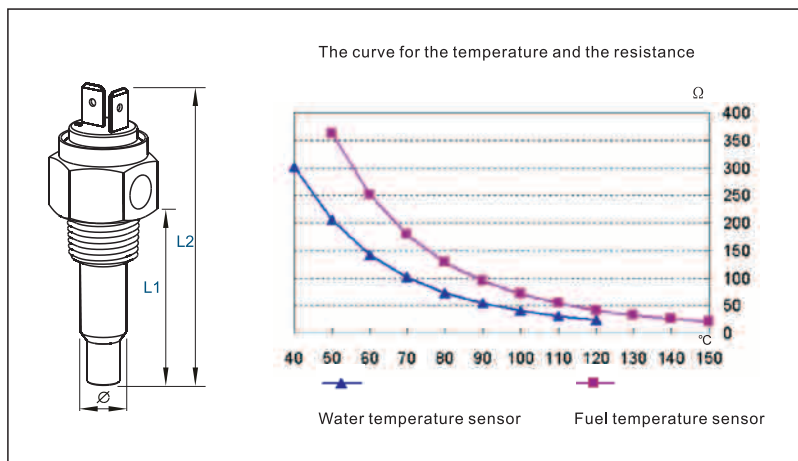
Please contact us for more details.

Temp. Sensors



- The main body is made of brass.
- Sensors with alarm features has double metal plate connectors. Eg: Type II and Type III
- Protection rank: IP67

- Rated voltage: 6V~24V
- Temperature response time: Minimum 3 minutes after power supply electrified.
- Rated power for alarm switch: 1.2W~3W
- The temperature alarm tolerance: $\pm 3^{\circ}\text{C}$
- Type of alarm touch:
The switch turns off when the temperature rises.



Please contact us for more details.

Temp. Sensors

Oil Temperature Sensor

Art. No.	Product Name	Temperature Max(°C)	Alarm Temperature(°C)	Thread Spec	Ømm	L1(mm)	L2(mm)	Type
JE01003	SON-1	150	–	M14*1.0	7.5	28.5	51	I
JE01002	SON-1	150	–	M14*1.25	7.5	28.5	51	I
JE01004	SON-1	150	–	M14*1.5	7.5	28.5	51	I
JE01005	SON-1	150	–	M16*1.5	7.5	28.5	51	I
JE01006	SON-1	150	–	M18*1.5	7.5	28.5	51	I
JE01007	SON-1	150	–	M16*5	7.5	28.5	51	I
JE01008	SON-1	150	–	1/8"-27NPT	7.5	28.5	51	I
JE01009	SON-1	150	–	3/8"-18NPT	7.5	28.5	51	I
JE01010	SON-1	150	–	1/2"-14NPT	7.5	28.5	51	I
JE01011	SON-1	150	–	5/8"-18UNF	7.5	28.5	51	I

JE01012	SON-2	150	–	M14*1.0	13	28.5	58.7	II
JE01013	SON-2	150	–	M14*1.25	13	28.5	58.7	II
JE01014	SON-2	150	–	M14*1.5	13	28.5	58.7	II
JE01015	SON-2	150	–	M16*1.5	13	28.5	58.7	II
JE01016	SON-2	150	–	M18*1.5	13	28.5	58.7	II
JE01017	SON-2	150	–	M16*5	13	28.5	58.7	II
JE01018	SON-2	150	–	1/2"-14NPT	13	28.5	58.7	II
JE01019	SON-2	150	–	3/8"-18NPT	13	28.5	58.7	II
JE01020	SON-2	150	–	5/8"-18UNF	13	28.5	58.7	II

JE01107	SOA-3	150	120	M14*1.0	10.7	41	73.7	III
JE01108	SOA-3	150	120	M14*1.25	10.7	41	73.7	III
JE01109	SOA-3	150	120	M14*1.5	10.7	41	73.7	III
JE01110	SOA-3	150	120	M16*1.5	10.7	41	73.7	III
JE01111	SOA-3	150	120	M18*1.5	10.7	41	73.7	III
JE01115	SOA-3	150	120	M16*5	10.7	41	73.7	III
JE01112	SOA-3	150	120	1/2"-14NPT	10.7	41	73.7	III
JE01113	SOA-3	150	120	3/8"-18NPT	10.7	41	73.7	III
JE01114	SOA-3	150	120	5/8"-18UNF	10.7	41	73.7	III

Temp. Sensors

Water Temperature Sensor

Art. No.	Product Name	Temperature Max(°C)	Alarm Temperature(°C)	Thread Spec	Ømm	L1(mm)	L2(mm)	Type
JE00015	SWN-1	120		M14×1.5	7.5	28.5	51	I
JE00016	SWN-1	120		3/8"-18NPT	7.5	28.5	51	I
JE00017	SWN-1	120		3/8"-18NPT	7.5	28.5	51	I

JE00018	SWN-1	120		3/8"-18NPT	8	22	46.5	IV
JE00019	SWN-2	120		M14×1.5	13	28.5	58.7	II
JE00020	SWN-2	120		M16×1.5	13	28.5	58.7	II
JE00021	SWN-2	120		3/8"-18NPT	13	28.5	58.7	II

JE00152	SWA-3	120	95	M14×1.0	10.7	41	73.7	III
JE00153	SWA-3	120	95	M14×1.5	10.7	41	73.7	III
JE00154	SWA-3	120	95	M16×1.5	10.7	41	73.7	III
JE00155	SWA-3	120	98	1/2"-14NPT	10.7	41	73.7	III
JE00156	SWA-3	120	98	3/8"-18NPT	10.7	41	73.7	III
JE00157	SWA-3	120	103	5/8"-18UNF	10.7	41	73.7	III
JE00158	SWA-3	120	103	M14×1.5	10.7	41	73.7	III
JE00159	SWA-3	120	98	M16×1.5	10.7	41	73.7	III
JE00160	SWA-3	120	103	M18×1.5	10.7	41	73.7	III
JE00161	SWA-3	120	103	1/2"-14NPT	10.7	41	73.7	III
JE00162	SWA-3	120	98	3/8"-18NPT	10.7	41	73.7	III
JE00163	SWA-3	120	98	5/8"-18UNF	10.7	41	73.7	III
JE00164	SWA-3	120	103	M14×1.5	10.7	41	73.7	III
JE00165	SWA-3	120	103	M16×1.5	10.7	41	73.7	III
JE00166	SWA-3	120	98	1/2"-14NPT	10.7	41	73.7	III
JE00167	SWA-3	120	103	3/8"-18NPT	10.7	41	73.7	III
JE00168	SWA-3	120	103	5/8"-18UNF	10.7	41	73.7	III

Rudder Sensors



Art No. : JE41006

Rudder sensor is usually installed on sternward rudder horn to collect signals by wire resistor. These sensors are made of materials of the highest quality.

Art No. : 150310

Rudder sensor is attached to the cylinder of the steering rudder. Signal output is via integrated reed switches. Sensor is durable and can be easily assembled.



Flange for mounting

					
Model	Flange	Flange	HFL	FL-2	FLB
Art No.	JSM0893	JSA0054	163306	163010	163120
Descriptoin	1/4" BSP to SAE 5 holes	Stainless steel weld bush for 1 1/4" BSP tank senders	Topside/underside kit to suit S3H 1 1/4" BSP waste senders	Topside flange to adapt 1/4" BSP to SAE 5 holes.	Stainless steel weld bush for 1 1/4" BSP tank senders

* WEMAUSA also offers various flanges for connecting between the tank and sensor, such as standard SAE flanges and BSP thread flanges. One can choose between flange/accessories made of stainless steel, aluminum or engineered plastic.