



4JB214730

PRESSURE TRANSMITTER

Introduction

4JB214730 pressure transmitter is the highly accurate and stable intelligent pressure transmitter. It uses digital temperature compensation, non-linearity correction technics and the most advanced transmitter production technique, the whole product has compact size, high accuracy, light weight and wider pressure range, can be used for flow pressure precise measurement. The product will instead the 2-wire working 4 mA~20mA DC output analogous signal.

Features

- 4mA~20mA DC 2-wire current output
- Digital compensation and non-linearity correction technics
- 10°C~ 70°C digital wider temperature compensation
- Full stainless steel construction, compact size, light weight
- Special requirement available

Specifications

Basic range (bar)	-1	1	2	3.5	7	10	20	35	70	100	200	350	600	1000
Overpressure (bar)	-1	1.5	3	5	10	15	30	50	100	150	300	500	900	1100

The min.shrunked available pressure range is 1/5 of basic range; For the pressure range between min.range and max.range, but not indicated in the above table, we enlarge the above basic pressure range to produce (overpressure unavailable);

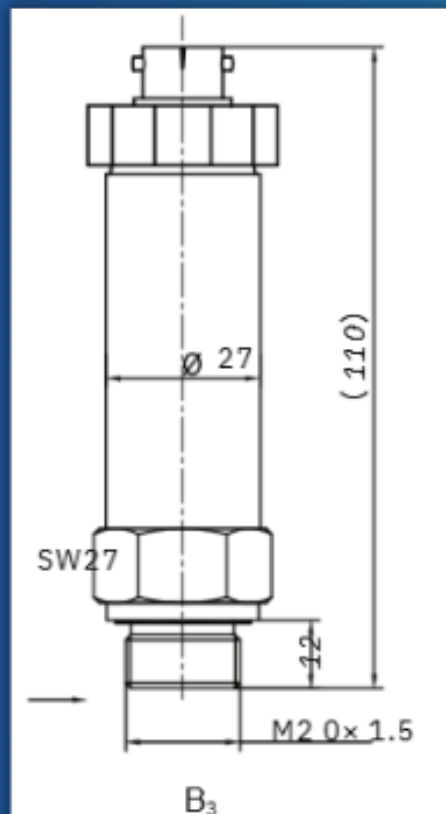
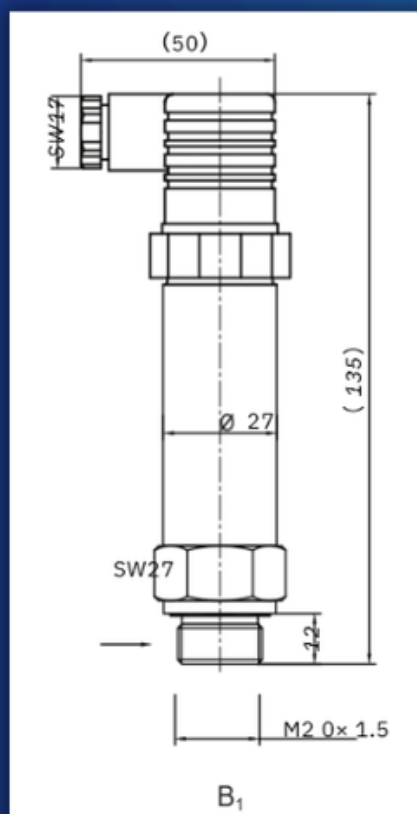


Total accuracy ^①	±0.075%FS(min.); ±0.15%FS(typ.); ±0.25%FS(max.)
Stability	±0.2%FS/year
Compensation temp. ^②	-10°C ~ 70°C
Operation temp.	-30°C ~ 80°C ; -10°C ~ 70°C (Cable)
Storage temp.	-40°C ~ 85°C ; -20°C ~ 85°C (Cable)
Power supply	10V~28V DC
Output	4mA~20mA DC
Load	4mA~20mA DC output
Electrical connection	DIN43650, 4-pin plug
	Φ7.2mm shielding cable
Insulation	100MΩ/50V
Shock	20g, (20~5000)Hz
Impact	20g,11ms
Protection	IP65(B , B); IP63(B)
Media compatibility	Diaphragm: SS 316L
	Housing: SS 304
	O-ring: Viton
Weight	~160g
^① Total accuracy: including linearity, hysteresis, repeatability and thermal error;	
^② For special temperature requirement, please feel free to contact our company.	

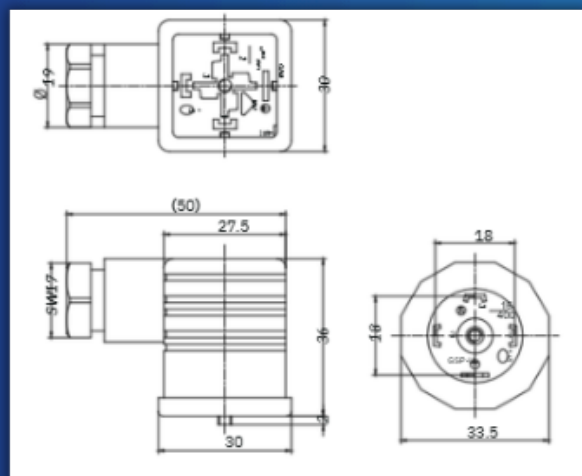


Outline Construction

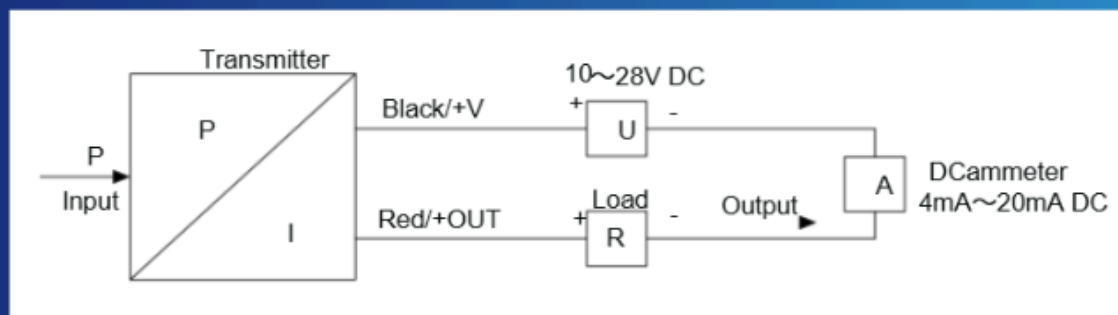
(Unit: mm)



Connector appearance and ordering



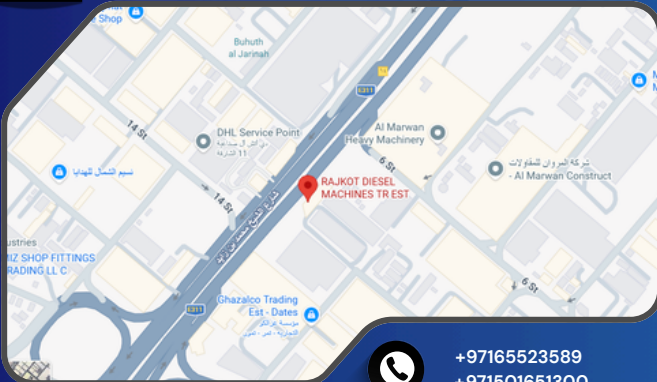
Electrical Connection for transmitter with 4mA~20mA DC output



OUR LOCATIONS



Rajkot Diesel Machines Tr. Est. LLC



+97165523589
+971501651300



info@rajkotmarinellc.ae sales@rajkotmarinellc.ae

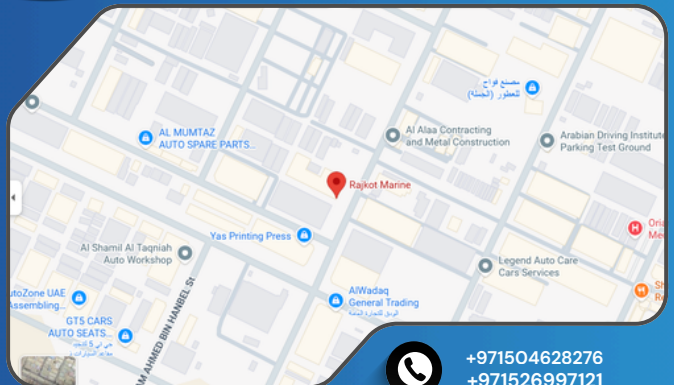


Industrial Area 15, Capitals Kitchen Building, Showroom
No.2 – Sharjah – United Arab Emirates

www.rajkotdiesel.com



Rajkot Marine LLC



+971504628276
+971526997121



info@rajkotmarinellc.ae joyantony@rajkotmarinellc.ae

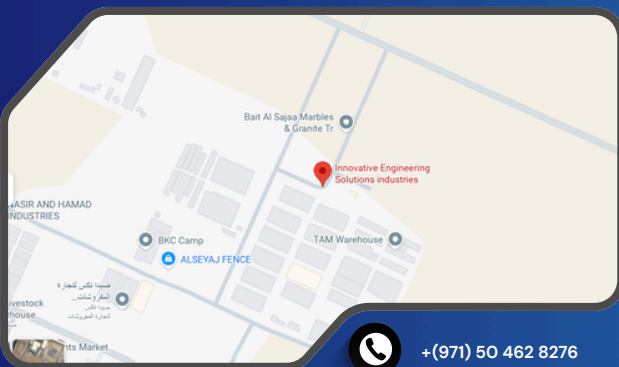


Jerf Industrial No 1 PO.Box: 5861, AJMAN – UAE.

www.rajkotmarine.com



**INNOVATIVE ENGINEERING
SOLUTIONS INDUSTRIES LLC**



+ (971) 50 462 8276



joyantony@rajkotmarinellc.ae

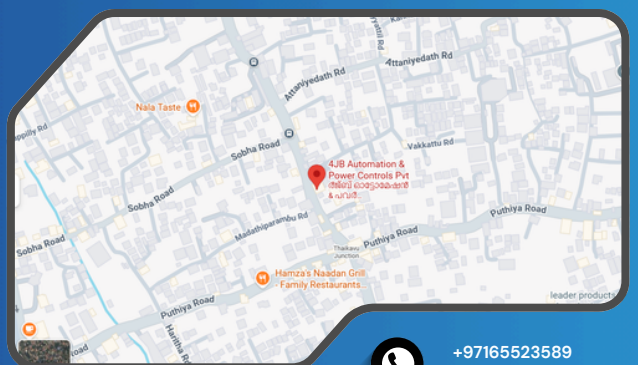


Al Sajaa Industrial Area, Sharjah – UAE

www.innovativeengsolutions.com



**4JB Automation & Power Controls
Pvt Ltd**



+97165523589
+91 7904902921



info@rajkotmarinellc.ae sales@rajkotmarinellc.ae



KPA Chamber Thykkavu Jn-Vennala, Kochi, Kerala
682028, India

www.4jbautomation.com

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