

## QYB18X

## Sanitary Pressure Transmitter

## Overview

QYB18X Series Sanitary Pressure Transmitter is designed for food grade pressure measurement. The pressure diaphragm of transmitter is made with silicon material, while its wetted parts are made by 316 stainless steel which possesses a higher degree of resistance against chemical corrosion. It can meet the need of different controllers used in industrial automation processes, including 4~20mA, 0~5V/10V, RS485. It is widely used in milk, food, beverage, pharmaceutical and other industries



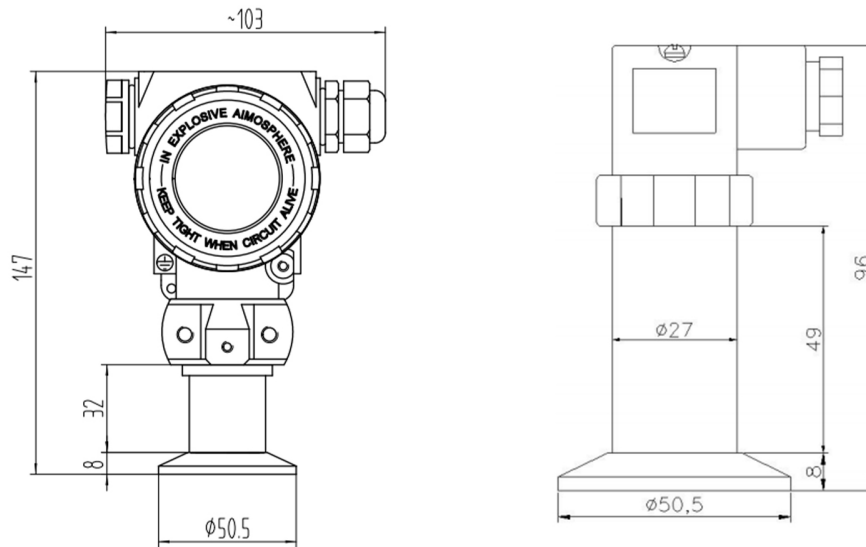
## Features

- 316L flush diaphragm, Tri-clamp connection
- Sanitary type, anti-scaling
- Short-circuit protection, reverse polarity protection
- Good leakproofness, long-term stable working
- Multi output signal options, customized design

## Performance Parameter

|                       |                                     |
|-----------------------|-------------------------------------|
| Pressure Range        | 0~10MPa                             |
| Output                | 4-20mA/RS485/0-5V/0-10V/4-20mA+HART |
| Power Supply          | 10~30VDC                            |
| Accuracy              | 0.5%F.S                             |
| Installation          | 50.5mm (1.5 ") 64mm(2 ")            |
| Overload Pressure     | 150%FS                              |
| Operating Temperature | -10°C~80°C                          |
| Medium Temperature    | -40°C~80°C                          |
| Relative Humidity     | ≤80%                                |
| Temperature Excursion | ±0.02%/°C                           |
| Long-term Stability   | ±0.2%F.S/Year                       |
| Protection            | IP65                                |

## Dimensions



## Ordering Guide

| QYB180/182 Sanitary Pressure Transmitter |          |                           |
|------------------------------------------|----------|---------------------------|
| 0                                        | Code     | Type                      |
|                                          | 0        | QYB180(Hersman)           |
|                                          | 2        | QYB182(LED/LCD)           |
| I                                        | Code     | Output                    |
|                                          | I        | 4-20mA                    |
|                                          | R        | RS485                     |
|                                          | V5       | 0-5V                      |
|                                          | V10      | 0-10V                     |
|                                          | H        | 4-20mA+HART               |
| 5MPa                                     | Code     | Measuring Range           |
|                                          | {0-X}MPa | X (Actual required range) |
| W                                        | Code     | Display                   |
|                                          | W        | Non-Display               |
|                                          | X        | LED                       |
|                                          | Y        | LCD                       |
| 5                                        | Code     | Clamp Size                |
|                                          | C5       | 50.5mm(1.5" )             |
|                                          | C6       | 64mm(2" )                 |