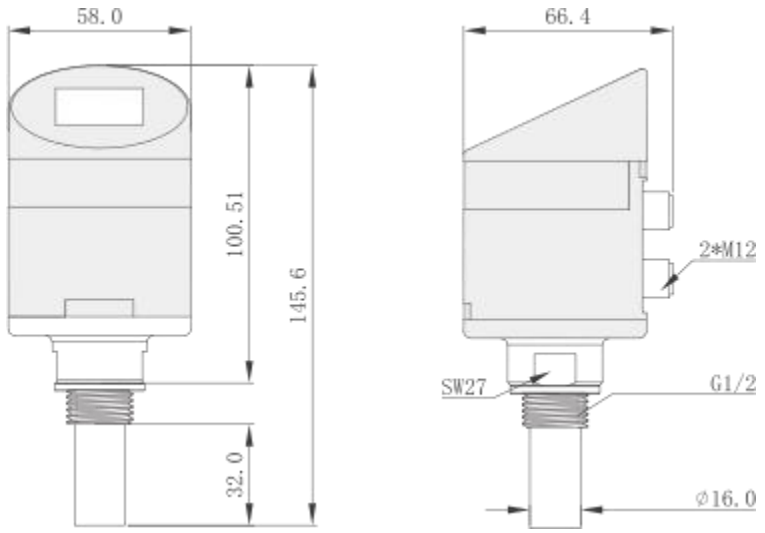
Product Dimension 04



F191x Dewpoint Meter Dimension

Sensor Selection 05

Sensor Model	FIXINST-P	FIXINST-A	FIXINST-Q
Sensor Type	Polymer Capacitive Sensors	Aluminum Oxide Sensors	QCM Sensor
Sensor View			
Application in > −60 ˚Ctd: Refrigerant Dryer,Industrial Gas	✓		
Application in−80 … −60 ˚Ctd: Desiccant Dryer,Nitrogen Generators,Industrial Gas		✓	
Application in −120 … −80 ˚Ctd: High−purity industrial gas		○	✓
Containing contaminated particles	✓	✓	

* Sensor FIXINST−A FIXINST−Q have obtained relevant patents
○ Suitable for models F139C−Puri, F305B

QUICK GUIDE

| F191x Dewpoint Meter |

—Experts in Compressed Air & Fluid Measurement—

https://yua-instruments.com/

A: Room R2−B, Gaoxin Industrial Park, No. 206 Gaoxin South 7th Road, Yuehai Street, Nanshan District, Shenzhen, Guangdong, China

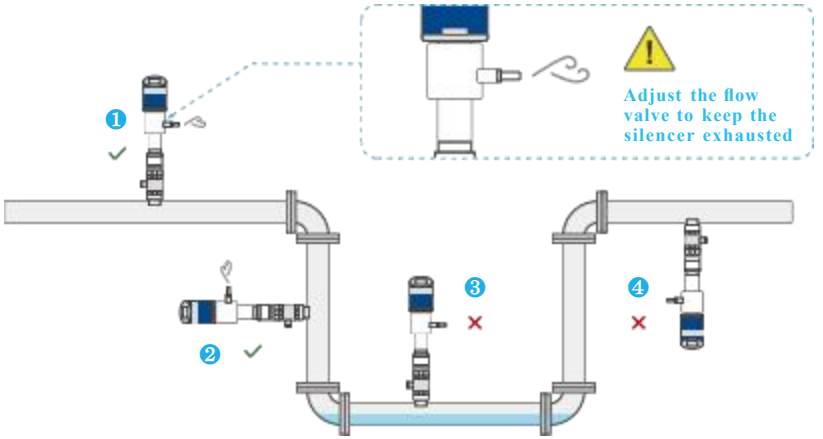
M: sales@yua−instruments.com

Installation with Measuring Chamber 01

The following situations are recommended for installation with measuring chambers:

ϕ Risk of water splashing on the sensor　　国 High process temperature

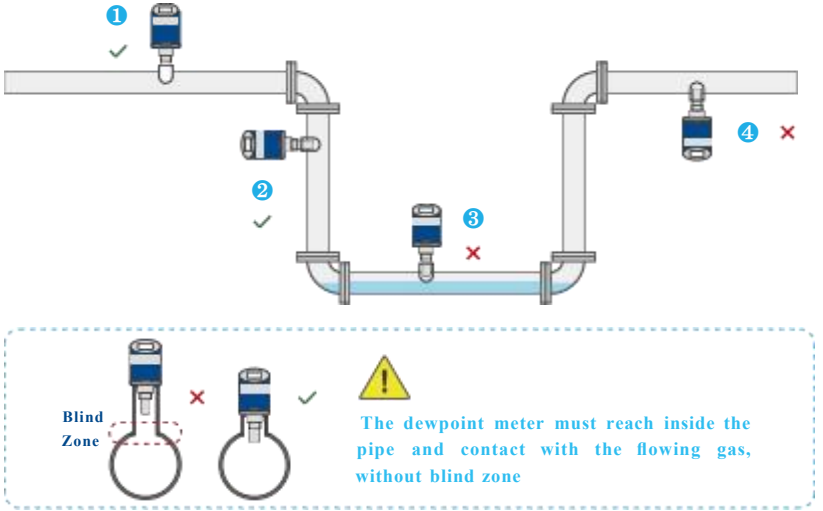
◉ Required to install or remove measurement devices in operating, pressurized condition



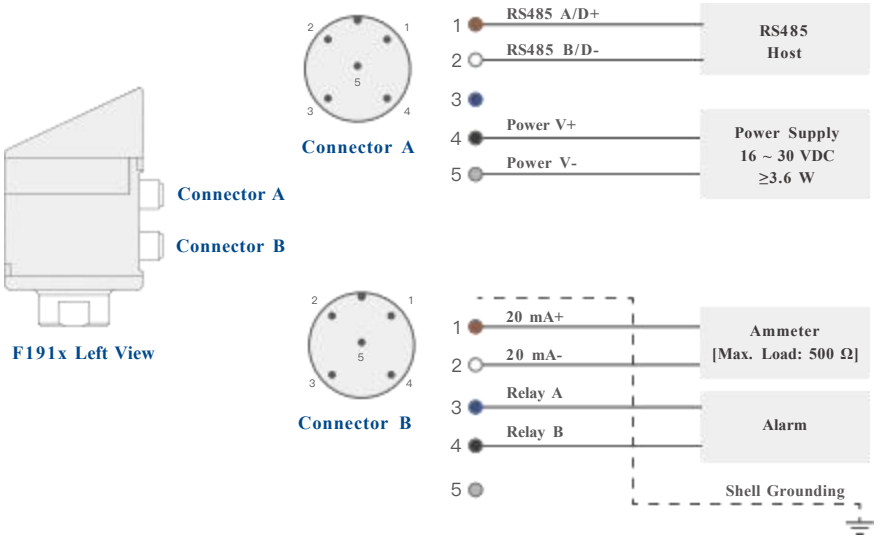
Installation Directly on the Pipeline 02

The following situations are recommended for installation directly on the pipe:

ϕ The gas in the pipeline cannot be exhausted directly (for example: dangerous gases or expensive process gases)



Electrical Connection Diagram 03



M12 Pin Definition

Connector A		Connector B		FixInst Cable Color
Pin 1	RS485 A/D+	Pin 1	20 mA+	Brown
Pin 2	RS485 B/D–	Pin 2	20 mA–	White
Pin 3	N/A	Pin 3	Relay A	Blue
Pin 4	Power V+	Pin 4	Relay B	Black
Pin 5	Power V–	Pin 5	N/A	Grey

Do not tighten the M12 connection plug forcefully, the plug pins may break off !

The meter has a relay output that allows monitoring of the dewpoint.
For example, when the dewpoint reaches the set value, the meter will send an alarm
Alarm Relay Max. Specification: 32 VDC / 500 mA

Status	F191x Power off	F191x Power on and alarm value not reached	F191x Power on and alarm value reached
Relay Status	Open	Open	Close