

# JUMO

More than **sensors + automation**

## JUMO SIRAS P21 AR/DP

Process pressure transmitters with SIL



### The features at a glance

- High degree of process reliability through reliable and precise measurement
- Reduction of safety assessment effort due to defined JUMO safety chain (JUMO Safety Performance)
- Simplicity when meeting security guidelines
- Device monitoring via 4 different measured values (HART®)
- Safe pressure measurement in safety-related systems



**DGRL**  
2014/68/EU



Type 403024, 403028

## Brief overview

The pressure transmitter reliably and precisely measures relative, absolute, or differential pressure of liquids, steam, and gases. It was developed for use in safety-related systems with Safety Integrity Level (SIL) according to DIN EN 61508. As a result, the transmitter is perfectly suited for safety measuring chains in the process industry and mechanical engineering.

## Other advantages

- ▶ Reliable and precise pressure measurement
- ▶ Implementation of safety measuring chains
- ▶ Safety chain ready for immediate use
- ▶ Easy integration into processes and systems
- ▶ Application in safety-related systems
- ▶ Extensive error diagnostics
- ▶ Programmable

## Technical data

<b>Product name</b>	JUMO SIRAS P21 AR/DP
<b>Type</b>	403024, 403028
<b>Parts in contact with media</b>	Stainless steel (316L)
<b>Electrical connection</b>	4 to 20 mA, two-wire; HART® ( 4 user configurable measured values)
<b>Measuring range</b>	-1 to +100 bar relative pressure; 0 to 100 bar absolute pressure
<b>Accuracy</b>	0.05 %
<b>Linearity</b>	0.05 %
<b>Long-term stability</b>	<0.1 % per year
<b>Process connection</b>	Thread
<b>Approvals</b>	SIL2/3 according to DIN EN 61508, DIN EN 13849 (PL), and PED (PED 2014/68/EU in combination with JUMO safetyM STB/STW and transmitter power supply unit)

## Certified compact system for pressure

