RO-Ws

Article-No. 451177-1143-XXX

IHRE NUTZEN-MERKMALE

+ Easy determination of volume flow directly behind the compressor

+ High-end sensor with stainless steel mechanics

+ Cost-effective installation with TÜV-tested pipe clamp (no welding work necessary)

+ Quick sensor exchange without disconnection, thanks to patented changeover device

+ Suitable for steel pipes and stainless steel pipes

+ Inexpensive solution, in particular with large nominal widths

PRODUCTFINDER

Your industrial sector?
General industrial applications

What is to be measured?
Consumption Volume flow
24/7 sensor exchange

MEASURING POINT INTERFACE

Pipe clamp

Material: Stainless steel, Perbunan
Norminal pressure: PN 16 (>DN200 PN10)
Pipe connection:
collar sealing

X

SENSOREINHEIT MIT APPLIKATOR

WA322s

Sensor: e-flow
measuring range 40 to 280m/s
Temp. -10 bis 120°C
Material probe: stainless steel
Material applicator: Aluminium

X

MEDIUM

compressed air	Nitrogen	CO_2	Oxygen	Helium	Argon
X					

NOMINAL WIDTHS

DN 15	DN 20	DN 25	DN 32	DN 40	DN 50	DN 65	DN 80	DN 100	DN 125	DN 150	DN 200	> DN 200
				X	X	X	X	X	X	X	X	X

TECHNICAL DATA

Measuring Point Interface (MPI)	
Stainless steel pipe clamp Rohrschelle with PB+CO®lock-blind plug	
Sensor with Applicator	
Sensor s-flow	
Factory calibration and certificate (10-point), ISO 50001 conform, certificate according to ISO/IEC 17025	
Measuring range: 40 to 280 m/s, volume flow depending on norminal widths (see norminal widths datasheet)	
Measuring sizes: (turbulent) flow- / mass flow, temperature, static pressure	
Pressure proof: 14 bar	
Measuring rate: 0,5 sec.	
Measuring output (analog): Voltage 0 - 10 V, 4 - 20 mA; R_L<500 Ohm	
Supply voltage: 18 - 26 VDC	
Current drain: 22 - 55 mA	
Medium temperature: -80 to 250 °C	
Ambient temperature: -20 to 60 °C	
Temperature output: -50 (4mA)....250 (20mA) °C	
Absolute pressure output: 0,5 (0V)....10 (14VDC) bar abs	
Material	
Stainless steel, Perbunan (pipe clamp), Stainless steel (Sensor),	
Aluminium (retracting valve)	
Protection type of case: IP65	

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MEASURING