907037 Series Intrinsically safe humidity and temperature transmitters

For operation in up to Zone 0 / 20

Features

- Measures RH and T and outputs also dew point temperature, wet-bulb temperature, absolute humidity, mixing ratio, water concentration, water mass fraction, water vapor pressure, and enthalpy
- Intrinsically safe (Ex i)
- Designed for harsh conditions
- Temperature range between -70 to +180 °C (-94 to +356 °F) depending on the probe option
- Sensor features high accuracy, excellent long-term stability, and negligible hysteresis
- Graphical LCD display
- Traceable calibration (certificate included)

JUMO 907037 Series Humidity and Temperature Transmitters are the ideal solution for measuring humidity in hazardous areas. The intrinsically safe and robust transmitter operates safely and reliably even in the most hazardous classifications, such as Zone 0. The next-generation 907037 transmitters can be used as a replacement of the long-running 907025 transmitter series.

Interchangeable probes and detachable probe module

907037 offers several probe options for different applications:

- 907037/1 - wall mount
- 907037/3 - confined spaces
- 907037/4 - pressurized spaces
- 907037/5 - high temperature
- 907037/7 - high humidity
- 907037/8 - pressurized pipelines

Thanks to the detachable probe module, probes can be easily replaced and removed for calibration outside the hazardous area without removing the entire transmitter. Attaching new probes involves minimal reconfiguration, as up-to-date settings can be restored from the transmitter.

Intrinsically safe and robust

The entire 907037 transmitter can be installed directly in hazardous areas. It can withstand continuous exposure to potentially explosive environments that contain flammable gases or dust. Operation in either gas or dust environments requires no additional protective enclosures. A rugged design, combined with trouble-free operation, ensures a long-term solution for monitoring humidity and dew point in potentially explosive environments.

Easy configuration access with local display and optional PC software

Output configuration and measurement calibration and adjustment can be carried out directly on the local display interface. For additional configuration and monitoring options, you can connect the transmitter to optional PC software with an accessory USB cable. The probe and transmitter body can be connected to PC software for configuration either together as one unit or separately.
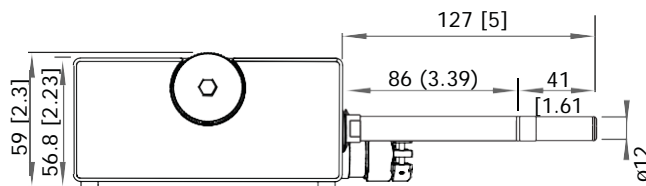
Interchangeable probes for 907037 intrinsically safe humidity and temperature transmitter

907037/1 for wall mounting

Temperature range	-40 to +60 °C (-40 to +140 °F)
Probe diameter	12 mm (0.47 in)

907037/1 probe shown with a stainless steel netting filter

Dimensions in mm (inches)

907037/3 for confined spaces

Temperature range with teflon cable	-40 to +120 °C (-40 to +248 °F)
Temperature range with rubber cable	-40 to +80 °C (-40 to +176 °F)
Probe cable length	2, 5 or 10 meters (6 ft 7 in, 16 ft 5 in, 32 ft 10 in)
Probe diameter	12 mm (0.47 in)

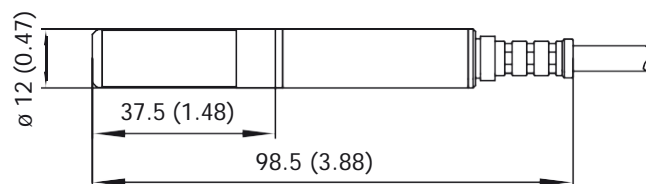**Installation**

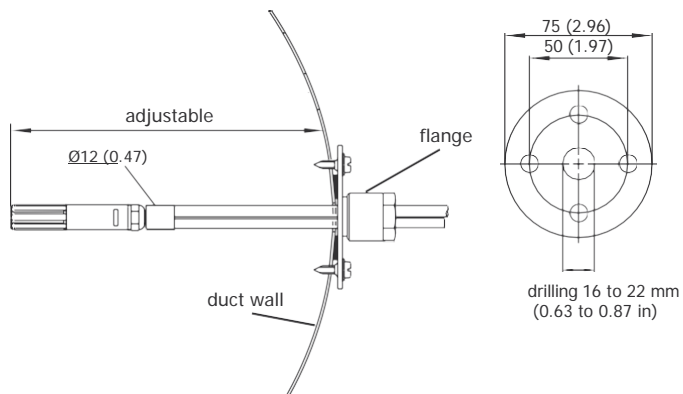| |
|---|
| Duct installation kit (210697) |
| Cable gland M20 x 1.5 mm with splitting seal (HMP247CG) |
| Swagelok for 12 mm probe, 1/2" NPT thread (SWG12NPT12) |

The small-sized 907037/3 probe fits into tight spaces: shown connected with a teflon cable
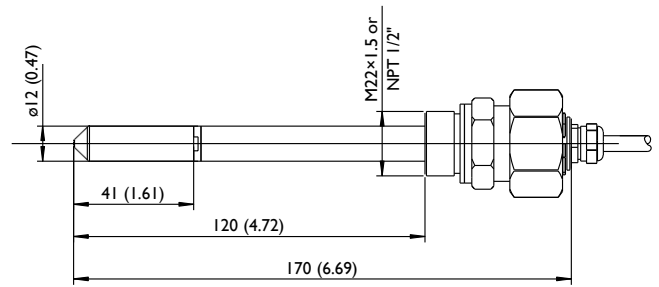
Dimensions in mm (inches)

Left: Installation kit for duct mounting. Right: Installation flange. Aluminum or stainless steel.

907037/4 for high pressure

Temperature range	-70 to +180 °C (-94 to +356 °F)
Pressure range	0 to 10 MPa
Probe cable length	2, 5 or 10 meters (6 ft 7 in, 16 ft 5 in, 32 ft 10 in)
Probe diameter	12 mm (0.47 in)
Fitting body M22 x 1.5 mm	17223
Fitting body NPT1/2	17225

Dimensions in mm (inches)

907037/4 is designed for measurement in pressurizedspaces or vacuum chambers

907037/5 for high temperature

Temperature range	-70 to +180 °C (-94 to +356 °F)
Probe cable length	2, 5 or 10 meters (6 ft 7 in, 16 ft 5 in, 32 ft 10 in)
Probe diameter	13.5 mm (0.53 in)
Installation	
Mounting flange (210696)	
Cable gland M20 x 1.5 mm with splitting seal (HMP247CG)	

drilling 16 to 22 mm (0.63 to 0.87)

907037/5 probe and stainless steel installation flange.Dimensions in mm (inches).

907037/5 is designed for high temperature environments

907037/7 for high humidities

Temperature range	-70 to +180 °C (-94 to +356 °F)
Probe cable length	2, 5 or 10 meters (6 ft 7 in, 16 ft 5 in,
Probe diameter	12 mm (0.47 in)
Installation	
Duct installation kit (210697)	
Cable gland M20 x 1.5 mm with splitting seal (HMP247CG)	
Swagelok for 12 mm probe, 3/8" ISO thread (SWG12ISO38)	
Swagelok for 12 mm probe, 1/2" NPT thread (SWG12NPT12)	

907037/7 is constructed to be installed in environments with high humidities

Ø 12 (0.47)

M9×1

37.5 (1.48)

79.5 (3.13)

99.5 (3.92)

Dimensions in mm (inches)

907037/8 for pressurized pipelines

Temperature range	-70 to +180 °C (-94 to +356 °F)
Pressure range	0 to 4 MPa
Probe cable length	2, 5 or 10 meters (6 ft 7 in, 16 ft 5 in, 32 ft 10 in)
Probe diameter	13.5 mm/12 mm (0.53 in/0.47 in)
Available probe lengths	226 mm/448 mm (8.90 in/17.6 in)
Installation	
Fitting body ISO1/2 solid structure	DRW212076SP
Fitting body NPT1/2 solid structure	NPTFITBODASP
Ball valve ISO 1/2 with welding joint	BALLVALVE-1
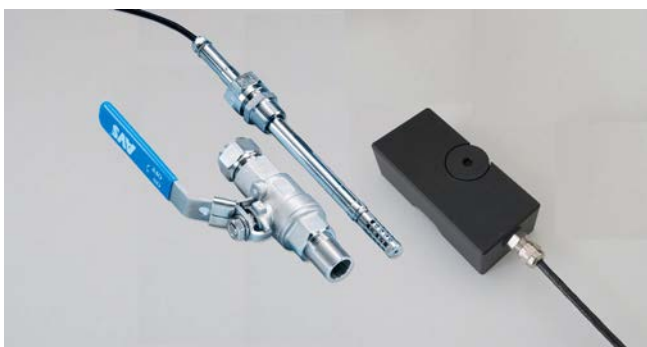
907037/8 enables flexible installation in pressurized pipelines

Ø 12 (0.47)

Ø 13.5 (0.53)

R1/2"ISO7/1 or NPT1/2"

35 (1.37)

14 (0.55)

35 - 157/379 (1.37 - 6.2/14.9) (user adjustable)

188/410 (7.40/16.1)

226/448 (8.90/17.6)
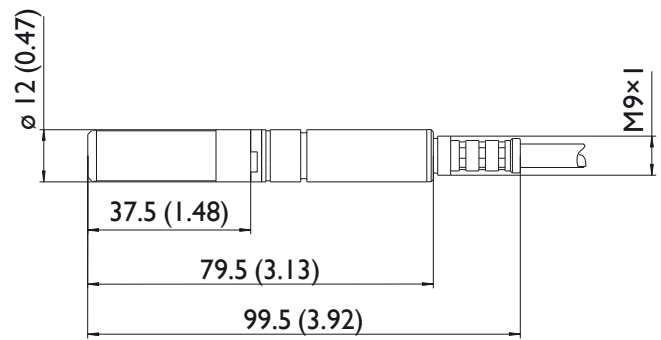
Length for standard/optional probes

Dimensions in mm (inches)

Technical data

Measurement performance

Relative humidity

Measurement range	0 to 100 % RH
Accuracy at +23 °C (+73.4 °F) [1]	±0.8 % RH (0 to 90 % RH)
	±0.5 % RH (0 to 40 % RH) ±0.8 % RH (40 to 95 % RH)
T_{63} response time	15 s
Sensor options	HUMICAP® R2 HUMICAP® L2

Temperature

Measurement range	-70 to +180 °C (-94 to +356 °F)
Accuracy at +23 °C (+73.4 °F) [1]	±0.1 °C (±0.18 °F)
Factory calibration uncertainty [2]	±0.1°C (±0.18°F) at +23°C (+73.4°F)
Sensor	Pt1000 RTD Class F0.1 IEC 60751

Other available measurement parameters

Dew point temperature, wet-bulb temperature, absolute humidity, mixing ratio, water concentration, water mass fraction, water vapor pressure, and enthalpy
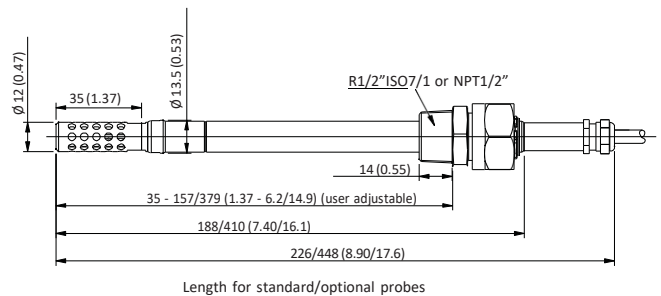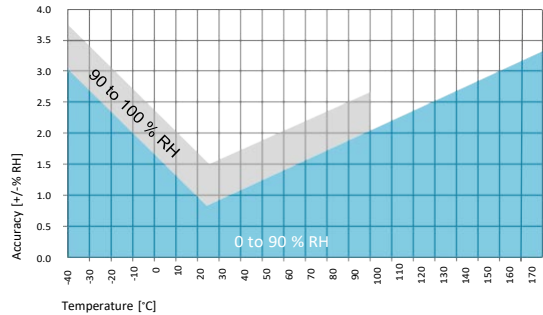
1) Defined against calibration reference. Including non-linearity, hysteresis, and repeatability.
2) Defined as ±2 standard deviation limits. Small variations possible; see calibration certificate.

Humidity measurement accuracy as function of temperature
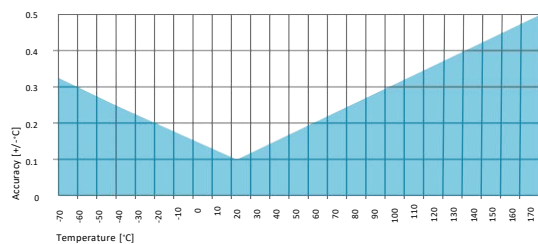
Temperature measurement accuracy over full range

Operating environment

Operating temperature for electronics	-40 to +60 °C (-40 to +140 °F)
Operating temperature with display	-20 to +60 °C (-4 to +140 °F)
Storage temperature	-40 to +70 °C (-40 to +158 °F)
Pressure range	See probe specifications

Compliance

EMC compatibility	EN 61326-1, industrial environment
Compliance marks	RCM, CE, China RoHS

Inputs and outputs

Operating voltage	12 to 28 V
Analog outputs	2 outputs (two-wire, 4 to 20 mA Connection via safety barriers
Typical accuracy of analog output at +20 °C	±0.0625 % full scale
Typical temperature dependence of analog outputs	0.005 %/°C (0.005 %/°F) full scale
Service port connection	USB cable 219690
Display options	• Graphical LCD display • Model without display

Mechanical specifications

Connections	Screw terminal, 0.33 to 2.0 mm² wires (AWG 14-22)
Cable glands	M20 x 1.5 mm
Conduit fitting	NPT 1/2" and M16
Housing material	EN AW-6082
Housing weight	Transmitter: 1500 g (3.3 lb) Fixed probe: 320 g (0.7 lb)
IP rating	IP66 (NEMA4)
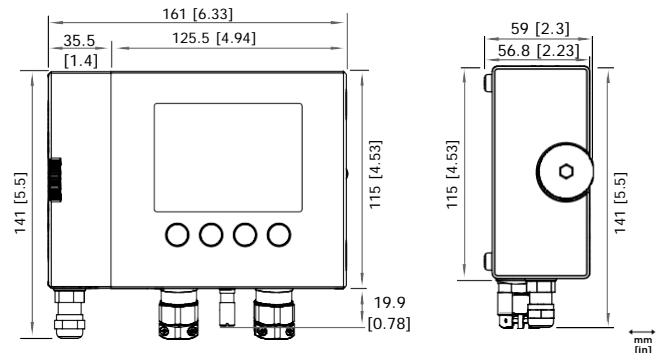
907037 dimensions in millimeters and [inches]

Ex classifications by region

Europe (ATEX) (EU (2014/34/EU))

Gas classification	II 1 G Ex ia IIC T4 Ga
Dust classification	II 1 D Ex ia IIIC T_{200} 85 °C Da
Safety data	U_i = 28 VDC, I_i = 100 mA, C_i = 12.1 nF, P_i = 700 mW, L_i = 16 µH
Environmental specifications	
T_{amb}	-40 to +60 °C (-40 to +140 °F)
P_{amb}	0.8 to 1.1 bar

International (IECEx)

Gas classification	Ex ia IIC T4 Ga
Dust classification	Ex ia IIIC T_{200} 85 °C Da
Safety data	U_i = 28 VDC, I_i = 100 mA, C_i = 12.1 nF, P_i = 700 mW, L_i = 16 µH
Environmental specifications	
T_{amb}	-40 to +60 °C (-40 to +140 °F)
P_{amb}	0.8 to 1.1 bar

Japan (CML)

Ex classification	Ex ia IIC T4 Ga Ex ia IIIC T_{200} 85 °C Da CML 21JPN2417X

Region classifications planned for future releases

USA
Canada
China
Korea

Ex Transmitter for Wall Mounting

(1)	Basic type		
	Ex Transmitter	907037	
(2)	Basic type extension		
	For Wall Mounting	1	
(3)	Ex version		
	IECEx (Global)	1	
	ATEX (Europe)	2	
(4)	Sensor type		
	Fixed Probe, max. 60 °C (type 1)	A	
(5)	Sensor protection		
	Metallized PPS Plastic Filter Grid with Stainless Steel Mesh	1	
	Stainless Steel Sintered Filter (AISI 316L)	2	
	Metallized PPS Plastic Filter Grid	4	
(6)	Sensor accessories		
	No Accessories	N	
(7)	Display and keypad		
	No Display and keypad	A	
	Display and keypad	B	
(8)	Output units		
	Metric	1	
	Non-metric	2	
(9)	Parameter Channel 1		
	Humidity, 0 to 100 % RH	A	
	Temperature, 0 to 60 °C (32 to 140 °F)	B	
	Temperature, -40 to +60 °C (-40 to +140 °F)	C	
	Temperature, -20 to +80 °C (-4 to +176 °F)	D	
	No Analog Output	N	
	Customised	X	
(10)	Parameter Channel 2		
	Humidity, 0 to 100 % RH	A	
	Temperature, 0 to 60 °C (32 to 140 °F)	B	
	Temperature, -40 to +60 °C (-40 to +140 °F)	C	
	Temperature, -20 to +80 °C (-4 to +176 °F)	D	
	No Analog Output	N	
	Customised	X	
(11)	Cable glands		
	No cable glands	0	
	Cable gland M20 × 1.5; 5 to 11 mm	1	
	Cable gland M20 × 1.5; 10 to 14 mm	2	
	Conduit fitting M16	3	
	Conduit fitting NPT 1/2"	4	
	Cable gland M20 × 1.5; 5 to 11 mm (2 pieces)	5	
	Cable gland M20 × 1.5; 10 to 14 mm (2 pieces)	6	
	Conduit fitting M16 (2 pieces)	7	
	Conduit fitting NPT 1/2" (2 pieces)	8	
(12)	Transmitter accessories		
	907025 retrofit mounting plate	A	
	USB service cable for Transmitter	B	
	None	N	

Ex Transmitter for Confined Spaces

(1)	Basic type												
	Ex Transmitter	907037											
(2)	Basic type extension												
	For Confined Spaces		3										
(3)	Ex version												
	IECEx (Global)			1									
	ATEX (Europe)			2									
(4)	Sensor type												
	2 m cable, max. 80 °C (type 3)				B								
	5 m cable, max. 80 °C (type 3)				C								
	10 m cable, max. 80 °C (type 3)				D								
	2 m cable, max. 120 °C (type 3)				E								
	5 m cable, max. 120 °C (type 3)				F								
	10 m cable, max. 120 °C (type 3)				G								
(5)	Sensor protection												
	Metallized PPS Plastic Filter Grid with Stainless Steel Mesh					1							
	Stainless Steel Sintered Filter (AISI 316L)					2							
	Metallized PPS Plastic Filter Grid					4							
(6)	Sensor accessories												
	Duct Installation Kit (210697)						B						
	Cable Gland for Probe Mounting, M20 × 1.5 +Split Seal (HMP247CG)						E						
	No Accessories						N						
(7)	Display and keypad												
	No Display and keypad							A					
	Display and keypad							B					
(8)	Output units												
	Metric								1				
	Non-metric								2				
(9)	Parameter Channel 1												
	Humidity, 0 to 100 % RH									A			
	Temperature, 0 to 60 °C (32 to 140 °F)									B			
	Temperature, -40 to +60 °C (-40 to +140 °F)									C			
	Temperature, -20 to +80 °C (-4 to +176 °F)									D			
	Temperature, -40 to +180 °C (-40 to +356 °F)									E			
	Dewpoint Temperature, -20 to +120 °C (-4 to +248 °F)									H			
	No Analog Output									N			
	Customised									X			
(10)	Parameter Channel 2												
	Humidity, 0 to 100 % RH										A		
	Temperature, 0 to 60 °C (32 to 140 °F)										B		
	Temperature, -40 to +60 °C (-40 to +140 °F)										C		
	Temperature, -20 to +80 °C (-4 to +176 °F)										D		
	Temperature, -40 to +180 °C (-40 to +356 °F)										E		
	Dewpoint Temperature, -20 to +120 °C (-4 to +248 °F)										H		
	No Analog Output										N		
	Customised										X		
(11)	Cable glands												
	No cable glands											0	
	Cable gland M20 × 1.5; 5 to 11 mm											1	
	Cable gland M20 × 1.5; 10 to 14 mm											2	
	Conduit fitting M16											3	
	Conduit fitting NPT 1/2"											4	
	Cable gland M20 × 1.5; 5 to 11 mm (2 pieces)											5	
	Cable gland M20 × 1.5; 10 to 14 mm (2 pieces)											6	
	Conduit fitting M16 (2 pieces)											7	
	Conduit fitting NPT 1/2" (2 pieces)											8	
(12)	Transmitter accessories												
	907025 retrofit mounting plate												A
	USB service cable for Transmitter												B
	None												N

Ex Transmitter for Pressurized Processes

(1)	Basic type		
	Ex Transmitter	907037	
(2)	**Basic type extension**		
	For Pressurized Processes	4	
(3)	**Ex version**		
	IECEx (Global)	1	
	ATEX (Europe)	2	
(4)	**Sensor type**		
	2 m cable, max. 180 °C (type 4)	H	
	5 m cable, max. 180 °C (type 4)	J	
	10 m cable, max. 180 °C (type 4)	K	
(5)	**Sensor protection**		
	Metallized PPS Plastic Filter Grid with Stainless Steel Mesh	1	
	Stainless Steel Sintered Filter (AISI 316L)	2	
	Stainless Steel Filter for oil / vacuum environments (AISI 303)	3	
	Metallized PPS Plastic Filter Grid	4	
(6)	**Sensor accessories**		
	Fitting Body for Probe Mounting, M22 × 1.5 (17223SP)	F	
	Fitting Body for Probe Mounting, NPT 1/2 (17225SP)	G	
(7)	**Display and keypad**		
	No Display and keypad	A	
	Display and keypad	B	
(8)	**Output units**		
	Metric	1	
	Non-metric	2	
(9)	**Parameter Channel 1**		
	Humidity, 0 to 100 % RH	A	
	Temperature, 0 to 60 °C (32 to 140 °F)	B	
	Temperature, -40 to +60 °C (-40 to +140 °F)	C	
	Temperature, -20 to +80 °C (-4 to +176 °F)	D	
	Temperature, -40 to +180 °C (-40 to +356 °F)	E	
	Dewpoint Temperature, -20 to +120 °C (-4 to +248 °F)	H	
	No Analog Output	N	
	Customised	X	
(10)	**Parameter Channel 2**		
	Humidity, 0 to 100 % RH	A	
	Temperature, 0 to 60 °C (32 to 140 °F)	B	
	Temperature, -40 to +60 °C (-40 to +140 °F)	C	
	Temperature, -20 to +80 °C (-4 to +176 °F)	D	
	Temperature, -40 to +180 °C (-40 to +356 °F)	E	
	Dewpoint Temperature, -20 to +120 °C (-4 to +248 °F)	H	
	No Analog Output	N	
	Customised	X	
(11)	**Cable glands**		
	No cable glands	0	
	Cable gland M20 × 1.5; 5 to 11 mm	1	
	Cable gland M20 × 1.5; 10 to 14 mm	2	
	Conduit fitting M16	3	
	Conduit fitting NPT 1/2"	4	
	Cable gland M20 × 1.5; 5 to 11 mm (2 pieces)	5	
	Cable gland M20 × 1.5; 10 to 14 mm (2 pieces)	6	
	Conduit fitting M16 (2 pieces)	7	
	Conduit fitting NPT 1/2" (2 pieces)	8	
(12)	**Transmitter accessories**		
	907025 retrofit mounting plate	A	
	USB service cable for Transmitter	B	
	None	N	

Ex Transmitter for High Temperatures

(1)	Basic type												
		Ex Transmitter 907037											
(2)	Basic type extension												
		For High Temperatures	5										
(3)	Ex version												
		IECEx (Global)		1									
		ATEX (Europe)		2									
(4)	Sensor type												
		2 m cable, max. 180 °C (type 5)			L								
		5 m cable, max. 180 °C (type 5)			M								
		10 m cable, max. 180 °C (type 5)			N								
(5)	Sensor protection												
		Metallized PPS Plastic Filter Grid with Stainless Steel Mesh				1							
		Stainless Steel Sintered Filter (AISI 316L)				2							
		Metallized PPS Plastic Filter Grid				4							
(6)	Sensor accessories												
		Mounting Flange (210696)					C						
		Cable Gland for Probe Mounting, M20 × 1.5 +Split Seal (HMP247CG)					E						
		No Accessories					N						
(7)	Display and keypad												
		No Display and keypad						A					
		Display and keypad						B					
(8)	Output units												
		Metric							1				
		Non-metric							2				
(9)	Parameter Channel 1												
		Humidity, 0 to 100 % RH								A			
		Temperature, 0 to 60 °C (32 to 140 °F)								B			
		Temperature, -40 to +60 °C (-40 to +140 °F)								C			
		Temperature, -20 to +80 °C (-4 to +176 °F)								D			
		Temperature, -40 to +180 °C (-40 to +356 °F)								E			
		Dewpoint Temperature, -20 to +120 °C (-4 to +248 °F)								H			
		No Analog Output								N			
		Customised								X			
(10)	Parameter Channel 2												
		Humidity, 0 to 100 % RH									A		
		Temperature, 0 to 60 °C (32 to 140 °F)									B		
		Temperature, -40 to +60 °C (-40 to +140 °F)									C		
		Temperature, -20 to +80 °C (-4 to +176 °F)									D		
		Temperature, -40 to +180 °C (-40 to +356 °F)									E		
		Dewpoint Temperature, -20 to +120 °C (-4 to +248 °F)									H		
		No Analog Output									N		
		Customised									X		
(11)	Cable glands												
		No cable glands										0	
		Cable gland M20 × 1.5; 5 to 11 mm										1	
		Cable gland M20 × 1.5; 10 to 14 mm										2	
		Conduit fitting M16										3	
		Conduit fitting NPT 1/2"										4	
		Cable gland M20 × 1.5; 5 to 11 mm (2 pieces)										5	
		Cable gland M20 × 1.5; 10 to 14 mm (2 pieces)										6	
		Conduit fitting M16 (2 pieces)										7	
		Conduit fitting NPT 1/2" (2 pieces)										8	
(12)	Transmitter accessories												
		907025 retrofit mounting plate											A
		USB service cable for Transmitter											B
		None											N

Ex Transmitter for High Humidities

(1)	Basic type														
	Ex Transmitter	907037													
(2)	**Basic type extension**														
	For High Humidities		7												
(3)	**Ex version**														
	IECEx (Global)			1											
	ATEX (Europe)			2											
(4)	**Sensor type**														
	2 m cable, max. 180 °C (type 7)				P										
	5 m cable, max. 180 °C (type 7)				R										
	10 m cable, max. 180 °C (type 7)				S										
(5)	**Sensor protection**														
	Metallized PPS Plastic Filter Grid with Stainless Steel Mesh					1									
	Stainless Steel Sintered Filter (AISI 316L)					2									
	Metallized PPS Plastic Filter Grid					4									
	Stainless Steel Filter (AISI 303) with PTFE Membrane					5									
(6)	**Sensor accessories**														
	Duct Installation Kit (210697)						B								
	Cable Gland for Probe Mounting, M20 × 1.5 +Split Seal (HMP247CG)						E								
	Swagelok Probe Fitting, NPT Thread (12 mm) (SWG12NPT12)						H								
	Swagelok Probe Fitting, ISO 3/8" Thread (12 mm) (SWG12ISO38)						J								
	Swagelok Probe Fitting, ISO 1/2" Thread (12 mm) (SWG12ISO12)						K								
	No Accessories						N								
(7)	**Display and keypad**														
	No Display and keypad							A							
	Display and keypad							B							
(8)	**Output units**														
	Metric								1						
	Non-metric								2						
(9)	**Parameter Channel 1**														
	Humidity, 0 to 100 % RH									A					
	Temperature, 0 to 60 °C (32 to 140 °F)									B					
	Temperature, -40 to +60 °C (-40 to +140 °F)									C					
	Temperature, -20 to +80 °C (-4 to +176 °F)									D					
	Temperature, -40 to +180 °C (-40 to +356 °F)									E					
	Dewpoint Temperature, -20 to +120 °C (-4 to +248 °F)									H					
	No Analog Output									N					
	Customised									X					
(10)	**Parameter Channel 2**														
	Humidity, 0 to 100 % RH										A				
	Temperature, 0 to 60 °C (32 to 140 °F)										B				
	Temperature, -40 to +60 °C (-40 to +140 °F)										C				
	Temperature, -20 to +80 °C (-4 to +176 °F)										D				
	Temperature, -40 to +180 °C (-40 to +356 °F)										E				
	Dewpoint Temperature, -20 to +120 °C (-4 to +248 °F)										H				
	No Analog Output										N				
	Customised										X				
(11)	**Cable glands**														
	No cable glands											0			
	Cable gland M20 × 1.5; 5 to 11 mm											1			
	Cable gland M20 × 1.5; 10 to 14 mm											2			
	Conduit fitting M16											3			
	Conduit fitting NPT 1/2"											4			
	Cable gland M20 × 1.5; 5 to 11 mm (2 pieces)											5			
	Cable gland M20 × 1.5; 10 to 14 mm (2 pieces)											6			
	Conduit fitting M16 (2 pieces)											7			
	Conduit fitting NPT 1/2" (2 pieces)											8			
(12)	**Transmitter accessories**														
	907025 retrofit mounting plate												A		
	USB service cable for Transmitter												B		
	None												N		

Ex Transmitter for Pressurized Pipelines

(1)	Basic type		
	Ex Transmitter	907037	
(2)	**Basic type extension**		
	For Pressurized Pipelines		8
(3)	**Ex version**		
	IECEx (Global)		1
	ATEX (Europe)		2
(4)	**Sensor type**		
	2 m cable, 215 mm probe, max. 180 °C (type 8)		T
	5 m cable, 215 mm probe, max. 180 °C (type 8)		U
	10 m cable, 215 mm probe, max. 180 °C (type 8)		V
	2 m cable, 400 mm probe, max. 180 °C (type 8)		W
	5 m cable, 400 mm probe, max. 180 °C (type 8)		Y
	10 m cable, 400 mm probe, max. 180 °C (type 8)		Z
(5)	**Sensor protection**		
	Metallized PPS Plastic Filter Grid with Stainless Steel Mesh		1
	Stainless Steel Sintered Filter (AISI 316L)		2
	Stainless Steel Filter for oil / vacuum environments (AISI 303)		3
	Metallized PPS Plastic Filter Grid		4
(6)	**Sensor accessories**		
	Ball Valve, ISO 1/2" with Welding Joint (BALLVALVE-1)		D
	Fitting Body for Probe Mounting, ISO 1/2" solid structure (DRW212076SP)		L
	Fitting Body for Probe Mounting, NPT 1/2" solid structure (212810SP)		M
	No Accessories		N
(7)	**Display and keypad**		
	No Display and keypad		A
	Display and keypad		B
(8)	**Output units**		
	Metric		1
	Non-metric		2
(9)	**Parameter Channel 1**		
	Humidity, 0 to 100 % RH		A
	Temperature, 0 to 60 °C (32 to 140 °F)		B
	Temperature, -40 to +60 °C (-40 to +140 °F)		C
	Temperature, -20 to +80 °C (-4 to +176 °F)		D
	Temperature, -40 to +180 °C (-40 to +356 °F)		E
	Dewpoint Temperature, -20 to +120 °C (-4 to +248 °F)		H
	No Analog Output		N
	Customised		X
(10)	**Parameter Channel 2**		
	Humidity, 0 to 100 % RH		A
	Temperature, 0 to 60 °C (32 to 140 °F)		B
	Temperature, -40 to +60 °C (-40 to +140 °F)		C
	Temperature, -20 to +80 °C (-4 to +176 °F)		D
	Temperature, -40 to +180 °C (-40 to +356 °F)		E
	Dewpoint Temperature, -20 to +120 °C (-4 to +248 °F)		H
	No Analog Output		N
	Customised		X
(11)	**Cable glands**		
	No cable glands		0
	Cable gland M20 × 1.5; 5 to 11 mm		1
	Cable gland M20 × 1.5; 10 to 14 mm		2
	Conduit fitting M16		3
	Conduit fitting NPT 1/2"		4
	Cable gland M20 × 1.5; 5 to 11 mm (2 pieces)		5
	Cable gland M20 × 1.5; 10 to 14 mm (2 pieces)		6
	Conduit fitting M16 (2 pieces)		7
	Conduit fitting NPT 1/2" (2 pieces)		8
(12)	**Transmitter accessories**		
	907025 retrofit mounting plate		A
	USB service cable for Transmitter		B
	None		N

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