

Spec Sheet Endress+Hauser

Order Code: 7F2C1H-11WX0/101
 Quote Ref:
 Date: 10/12/2022



Project

TAG FT-32310-01

Product Data

General information

Measuring task	Flow (Mass and Volume), Density
General explosion-protection information	Information about currently available Ex versions (ATEX, FM, CSA, TIIS, IECEx, NEPSI, etc.) can be supplied by your E+H Sales Center on request. All explosion protection data are given in a separate documentation which is available upon request.

Identification

Nameplate material	Stainless steel
Manufacturer name	Endress+Hauser
Vendor	Endress+Hauser
Product device / transmitter	
Product name	Proline Prowirl F 200
Order code	7F2C1H-11WX0/101
Extended order code	7F2C1H- C2ACCADCACAAASKA1 DJZ1

Application

Application	Mass Flow / Temperature
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Function and system design

Measuring principle	Vortex
Adjustment	Output 1, steam
Device Software Functional Packages	Data backup funktion

Input characteristics

Measurement channels

Measured variable	Flow
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Output characteristics

Analog Output

Number	1	
Output type	Analog Output (passive)	
Signal type	4-20 mA	
Lower range value of signal	3.59	mA
Upper range value of signal	22.0	mA

Output configurable

Lower range value of signal configurable	0	lb/h
Upper range value of signal configurable	12,000	lb/h

Signal on alarm

Signal on alarm available	yes	
Communication interface		
HART Communication Interface		
System Integration		
Type of protocol	HART	
Operating conditions		
Environment		
Ambient temperature °C min.	-40.0	°C
Ambient temperature °F min.	-40.0	°F
Storage temperature °C min.	-50.0	°C
Storage temperature °F min.	-58.0	°F
Storage temperature °C max.	80.0	°C
Storage temperature °F max.	176.0	°F
Process conditions		
Process temperature in °C min.	-200.0	°C
Process temperature in °F min.	-328.0	°F
Process temperature in °C max.	260.0	°C
Process temperature in °F max.	500.0	°F
Low flow cut-off	yes	
Mechanical construction		
Connection housing / head		
Housing type	Compact	
Housing design	GT20, Dual compartment	
Degree of protection, NEMA	NEMA Type 4X Enclosure	
Degree of protection, Europe	IP66/67	
Cable entry signal line		
Threaded cable entry	NPT 1/2	
Housing device / transmitter		
Material housing	Aluminum, coated	
Process connection		
Type of connection	Flange	
Design sealing surface	RF	
Reference Standard for connection	ASME B16.5	
Nominal diameter based on EN/DIN	DN 100	
Nominal diameter based on ASME	4"	
Nominal pressure	Class 150	
Material gasket	Gylon	
Schedule	Sch.40	
Flowmeter (Vortex)		
Inline device length in mm	251.5	mm
Inline device length in inch	9.9	inch
Operability		
Operating element	Push buttons	
Display element		
Display type	LCD display (SD02)	
Number of lines	4	
Certificate and approvals device / transmitter		
Approval for general usage	CE mark	
Ex certificates CSA		
Approval type	CSA C/US	
Ignition protection type	IS	
Ex designation	yes	

Class

Class I

Class

Class II

Class

Class III

Division

Division 1

Group

Group A-G

Calibration

Calibration type

0.75% 3-point

Comments