230VAC Proline Promass F 500 Endress Hauser Coriolis Flow Meter 8F5B25-BBETAAAAFBAB1ASAABSAA1

Our Product Introduction

Basic Information

- Place of Origin: Germany
- Brand Name: Endress Hauser
- Certification: ATEX
- Model Number: 8F5B25-BBETAAAAFBAB1ASAABSAA1
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: carton
- Delivery Time: Negotiable
- Payment Terms: T/T
- Supply Ability: 100pcs per month

Product Specification

- Power Supply: 100-230VAC
- Transmitter Housing: Alu, Coated
- Calibration Flow: 0.10% Mass
- Output; Input 2: W/o
- Device Model: 1
- Net Weight: 20.372 Kilogram
- Highlight: **Proline Promass F 500**,
  230VAC coriolis flow meter,
  endress hauser coriolis flow meter

More Images

Product Description

Endress Hauser 8F5B25-BBETAAAAFBAB1ASAABSAA1Proline Promass F 500Coriolis flowmeter

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Promass F has a long-standing reputation as a highly accurate sensor. Immune to fluctuating and harsh environments it is suited for the broadest range of applications. With its innovative remote transmitter Promass F 500 maximizes installation flexibility and operational safety in demanding environments. Heartbeat Technology enables measurement reliability and extension of recalibration cycles.

Potentiometric

Configure to download the CAD drawings of this product
Configure
Measuring principle
Coriolis
Product headline
Flowmeter with premium accuracy and robustness, as remote version with up to 4 I/Os.
Highest measurement performance for liquids and gases under varying, demanding process conditions.
Sensor features
Highest process safety – immune to fluctuating and harsh environments. Fewer process measuring points – multivariable measurement (flow, density, temperature). Space‑saving installation – no in-/outlet run needs.
Mass flow: measurement error ±0.05 % (PremiumCal). Medium temperature: –196 to 350 °C (–320 to 662 °F). Nominal diameter: DN 8 to 250 (⅜ to 10").
Transmitter features
Full access to process and diagnostic information – numerous, freely combinable I/Os and fieldbuses. Reduced complexity and variety – freely configurable I/O functionality. Integrated verification – Heartbeat Technology.
Remote version with up to 4 I/Os. Backlit display with touch control and WLAN access. Standard cable between sensor and transmitter.
Nominal diameter range
DN 8 to 250 (⅜ to 10")
Wetted materials
Measuring tube: 1.4539 (904L); 1.4404 (316/316L); Alloy C22, 2.4602 (UNS N06022)
Connection: 1.4404 (316/316L); Alloy C22, 2.4602 (UNS N06022); 1.4301 (F304)
Measured variables
Mass flow, density, temperature, volume flow, corrected volume flow, reference density, concentration
Max. measurement error
Mass flow (liquid): ±0.10 % (standard), 0.05 % (option)
Volume flow (liquid): ±0.10 %
Mass flow (gas): ±0.25 %
Density (liquid): ±0.0005 g/cm³
Measuring range
0 to 2 200 000 kg/h (0 to 80 840 lb/min)
Max. process pressure
PN 100, Class 600, 63K
Medium temperature range
Standard: –50 to +150 °C (–58…+302 °F)
Option: –50 to +240 °C (–58…+464 °F)
High temperatur option: –50 to +350 °C (–58…+662 °F)
Option: –196 to +150 °C (–320 to +302 °F)
Ambient temperature range
Standard: –40 to +60 °C (–40 to +140 °F)
Option: –60 to +60 °C (–76 to +140 °F)
Sensor housing material
Standard: 1.4301 (304), corrosion resistant
Option: 1.4404 (316L)
Sensor connection housing (standard): AlSi10Mg, coated
Sensor connection housing (option): 1.4301 (304); 1.4404 (316L); 1.4409 (CF3M) similar to 316L
Transmitter housing material
AlSi10Mg, coated; 1.4409 (CF3M) similar to 316L; Polycarbonat
Degree of protection
Sensor remote version (standard): IP66/67, type 4X enclosure
Sensor remote version (option): IP69.
Transmitter remote version: IP66/67, Type 4X enclosure
Display/Operation
4-line backlit display with touch control (operation from outside)
Configuration via local display and operating tools possible
Outputs
4 outputs:
4-20 mA HART (active/passive)
4-20 mA WirelessHART
4-20 mA (active/passive)
Pulse/frequency/switch output (active/passive)
Double pulse output (active/passive)
Relay output
Inputs
Status input
4-20 mA input
Digital communication

HART, PROFIBUS DP, PROFIBUS PA, FOUNDATION Fieldbus, Modbus RS485, PROFINET, PROFINET over Ethernet-APL, Ethernet/IP, OPC-UA
Power supply
DC 24 V
AC 100 to 230 V
AC 100 to 230 V / DC 24 V (non-hazardous area)
Hazardous area approvals
ATEX, IECEx, cCSAus, NEPSI, INMETRO, EAC, KC
Product safety
CE, C-tick, EAC marking
Functional safety
Functional safety according to IEC 61508, applicable in safety-relevant applications in accordance with IEC 61511
Metrological approvals and certificates
Calibration performed on accredited calibration facilities (acc. to ISO/IEC 17025)
Heartbeat Technology complies with the requirements for measurement traceability according to ISO 9001:2015 – Section 7.1.5.2 a (TÜV SÜD attestation)
MI-005 (Liquids other than water, Hydrocarbons, LPG, cryogenic liquids)
NTEP (Liquids other than water, LPG, cryogenic liquids)
MC (Liquids other than water, gases, cryogenic liquids)
MI-002, PTB
Marine approvals and certificates
LR approval, DNV approval, ABS approval, BV approval, CCS approval
Pressure approvals and certificates
PED, CRN, AD 2000
Material certificates
3.1 material
NACE MR0175/MR0103, PMI; welding test acc. to EN ISO, ASME, NORSOK
Hygienic approvals and certificates
3-A, EHEDG, cGMP

Below are the TOP BRANDS we handle in the past 12 years:

Manufacture	Products
Bently Nevada	3500 Vibration Monitoring System
	3300 Proximity Probes, Sensors & Transducer Systems
ALLEN BRADLEY	Industrial Control Products
Pepperl-Fuchs	Industrial Sensors & Isolated Barrier
MTL Instruments	Isolated Barrier
Endress+Hauser	Flow, Level, Liquid Analysis Instrument
YOKOGAWA	DCS & Field Instruments & Process Analyzers
TE	Dynamic Products
Georg Fischer	Piping System
SMC	controls, process, and Industrial products
SICK	Laser Sensor
FESTO	Pneumatic & Electric Automation Product
Rosemount	Analytical Products
ASCO	Solenoid Valves
IFM	Sensors & Controllers
SCHMERSAL	Safety switches & Safety Systems
ABB	V18345 Valve Positioner
SIEMENS	PLC modules & Transmitter
FISHER	DLC3100 Digital Level Controller

TELEDYNE	Oxygen Sensor & Fuel Cell
DETCON	Gas Detection Products
HONEYWELL	Switches & Transmitter
VEGA	Level Measurement Products
AUMA	Electric Actuators and Gearboxes
YASKAWA	Industrial Ac Drives
BECKHOFF	Controllers & I/O Modules
BALLUFF	Linear Position Sensors
B&R	PLC Module
Phoenix Contact	Housing
Harting	Connector Han
For more product details, please visit our website: www.achievers-automation.com	

FAQ of Achievers

Q:Are the Products Genuine OEM Units?

A: These items have been certified by Achievers Automation Limited to be genuine OEM Units obtained through OEM or independent third-party channels.

Q:How will you arrange shipment?

A: We can arrange shipment based on your request. We have cooperated forwader who can arrange shipment via FedEx, DHL,TNT with good price.

Q:What is the warranty of goods?

A: One-year Warranty.