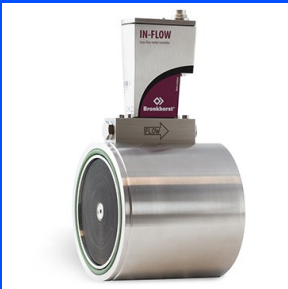


F-106GI

工業級氣體熱式質量流量計



技術規格

測量與控制

Type of media	氣體
流量範圍	min. 22...1100 m ³ _n /h
	max.220...11000 m ³ _n /h
準確性	1100 m3n/h 以上每 1000 m3n/h ±1% FS 加 ±1% FS
再現性	<±0.2% Rd (或 <±0.04% FS, 以較大者為準)
Turndown ratio	1:50
多種流體功能	最多可儲存8 條校準曲線
反應時間 (感測器)	typical 0.5 sec
操作溫度	-10...+70°C; 0...+50°C for ATEX zone 2, KCs, Class1 Div 2
溫度敏感性	zero: < 0.05% FS/°C; span: < 0.05% Rd/°C
Leak integrity, outboard	經過測試 < 2 x 10 ⁻⁹ mbar l/s He
壓力敏感度	0.1% Rd/bar typical N2; 0.01% Rd/bar typical H2
安裝	max. error at 90° off horizontal 0.2% at 1 bar, typical N2
熱機時間	30分鐘
儲存/運輸條件	0...+50°C, max. 95% RH (non-condensing)

審批

電氣安全	IEC 61010-1
Marking	CE, UKCA, RoHS, WEEE, REACH
防爆	Class I Div 2, ATEX Zone 2, KCs

機械規格

壓力等級 (PN) - 單位: barg	40
Ingress protection	IP65
Material wetted parts	不銹鋼 316L 或同類材質
密封材質	標準: FKM/Viton®; 選項: EPDM, FFKM/Kalrez®
Process connections	Wafer type, for mounting between flanges according to DIN DN250 or ANSI 10"
重量	27 kg

電氣特性

電源供應	+15...24 Vdc
耗電量	1.5 W typical at 24 V for fieldbus: add 0.9 W
類比輸出	0...5 (10) Vdc or 0 (4)...20 mA (sourcing)
類比設定點	0...5 (10) Vdc or 0 (4)...20 mA (sinking)
數位通訊	standard: RS232 options: CANopen®, DeviceNet™, EtherCAT®, PROFIBUS DP, PROFINET, Modbus RTU, ASCII or TCP/IP, EtherNet/IP, POWERLINK or FLOW-BUS

電氣介面

電源(儀表接口)	8-pin DIN (male)
通訊(儀表接口)	Analog, RS232, RS485
PROFIBUS DP	8-pin M12B (female)
CANopen / DeviceNet	5-pin M12A (male)
Modbus RTU/ASCII/FLOW-BUS	5-pin M12A (male)
Modbus TCP / EtherNet/IP / EtherCAT®/ PROFINET / POWERLINK	2x 4 pin M12D (female)