Your success counts



Batch Controller

with one stage control













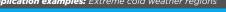














For custom single or repeating similar batches



The F-Series is your first and safest choice for field mount indicators in safe and hazardous area applications. Especially in harsh weather conditions like rain, snow, salty atmospheres and temperatures between -40°C up to +80°C (-40°F up to 176°F).

Advantages

- Robust aluminum or stainless steel 316L field enclosure (IP67
 / NEMA Type4X). It is so rugged, a truck can even stand on it!
- Intrinsically Safe available ATEX, IECEx and CSA approval for gas and dust applications.
- Programming can be done by your own crew, with the sensible menu-driven structure, saving cost and irritation.
 Know one, know them all!
- Very diverse mounting possibilities: walls, pipes, panels or directly onto outdoor sensors!

Features

- Large display shows preset value and running batch value simultaneously.
- LED backlight option.
- Count-up and count-down function available.
- Selectable on-screen engineering units; volumetric or mass.
- Self-learning overrun correction.
- Easy operation to enter a batch value and to control the process.
- Ability to process all types of signals: Sine wave (coil), NAMUR,
 NPN/PNP pulse, Reed-switch, Active pulse signals, (0)4-20mA.
- One control output for one-stage batching.
- Power requirements: Input loop powered, battery powered or 8 - 30V DC, 24V AC/DC and 115 - 230V AC.
- Sensor supply: 3.2 / 8.2 / 12 / 24V DC.
- Auto backup of settings and running totals.
- Explosion/flame proof available, according ATEX/IECEx.



Introduction

The F030 is a straight forward but basic Batch Controller. The operator can enter a batch quantity easily or execute repeating batches. During the batch, the preset value is displayed as well as the batched (or remaining) quantity and the units of measurement. The automatic self-learning overrun correction will ensure an accurate result each batch again. A wide selection of options further enhances the capabilities of this model, including Intrinsic Safety.

Display

The display has large 17mm (0.67") and 8mm (0.31") digits which are used to display the batched quantity and the preset value simultaneously. On-screen engineering units are easily configured from a comprehensive menu. A seven digit resettable "day total" is available as well as an eleven digit non-resettable accumulated total. All are backed-up in EEPROM memory every minute. A smart display update function achieves a readable display even at -40°C / -40°F .

Configuration

All configuration settings are accessed via a simple operator menu which can be password protected. Each setting is clearly indicated with an alphanumerical description, which avoids confusing abbreviations. Once familiar with one F-series product, you will be able to program all models in the series without a manual. All settings are safely stored in EEPROM memory in the event of sudden power failure.

Hazardous area

For hazardous area applications, this model is ATEX, IECEx and CSA certified as Intrinsically Safe for gas and dust applications, with an allowed ambient temperature of -40°C to +70°C (-40°F to +158°F). A flame proof Ex d enclosure with ATEX/IECEx certification is also available.



Backlight

For those applications where readability during day and night is an issue, a white backlight is available. The intensity can be adjusted from the keyboard. The display is a transflective type, which means that a high contrast reading is guaranteed in full sunlight as well as during the night. This backlight option is available Intrinsically Safe.

Control output

One output is available for one stage control of smaller batchvolumes. The output signal can be a passive NPN or an active PNP transistor, or an isolated electro-mechanical relay.

Power requirements

Several power supply options are available to power the F030 and sensor. A battery powered version with a long life lithium battery which will last up to five years. For analog sensors, a 4 - 20mA loop powered version is available as well. A real sensor supply is offered with the 24V AC / DC or 115 - 230V AC power requirement options.



All info at a glance



Easy to install



Easy to program



Know one know them all!



Reliable



User-friendly



Overview application F030

The F-Series is your first and safest choice for field mount indicators in safe and hazardous area applications. Especially in harsh weather conditions like rain, snow, salty atmospheres and temperatures between -40°C up to +80°C (-40°F up to 176°F). For batching small up to very large quantities. Single or repeating batches. Alternative more sophisticated models: F130 - F131, F136 and the D-Series DIN panel mount or the N-Series DIN panel mount with numerical keypad batch controllers.



Flowmeter input

Signal input

The FO3O accepts most pulse and analog input signals for volumetric flow or mass flow measurement. The input signal type can be selected by the user in the configuration menu without having to adjust any sensitive mechanical dip-switches, jumpers or trimmers. The analog input is available with linear and square root calculation and even as 4 - 20mA input loop powered.

Type of signal	Resistance	Low Pass filter (LP)	Max. frequency	Max. frequency Low Pass filter (LP)	Min. amplitude P-P	Remark
NPN	100kΩ pull-up	100kΩ pull-up	6kHz Threshold 1.2V	1.2kHz		Open collector
REED	1MΩ pull-up	1MΩ pull-up	600Hz Threshold 1.2V	120Hz		
PNP	47KΩ pull-down	100KΩ pull-down	6kHz Threshold 1.2V	1.2kHz		
NAMUR	820Ω pull-down	-	4kHz	-		External power required
COIL LO	-	-		-	90mV _{pp}	Default sensitivity
COIL-HI					20mV _{pp}	
COIL-HI (Type ZF)	-	-	-	-	10mV _{pp}	Sensitive for interference!
COIL-HI (Type ZG)					5mV _{pp}	
ACTIVE 8.2V DC	3Κ9Ω		10kHz Threshold 4V			External power required
ACTIVE 12V DC	4ΚΩ		10kHz Threshold 6V			External power required
ACTIVE 24V DC	3ΚΩ		10kHz Threshold 12V			External power required

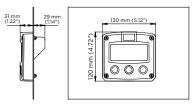


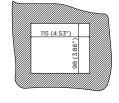
Enclosures

Various types of enclosures can be selected, all ATEX, IECEx and CSA approved. The F030 is supplied in an GRP panel mount enclosure as standard, which can be converted to an IP67 / NEMA 4X GRP field mount enclosure by the addition of a back case. Most popular is our robust aluminum field mount enclosure which is also available with an extended backcover with undrilled preparation for direct meter mounting at the back side. It is so rugged, even a truck can stand on it! For the most challenging environments we have a durable high grade Stainless steel 316L enclosure. All enclosures have a IP67 / NEMA Type4X rating and EU or U.S. cable gland entry threads available.

Dimensions enclosures

Aluminum & GRP panel mount enclosure

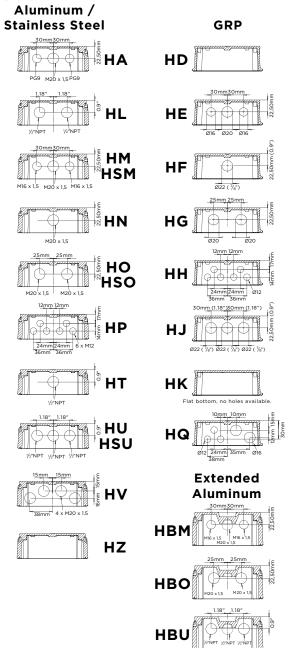




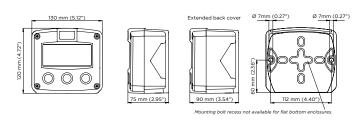
HB & HC enclosures

panel cut-out

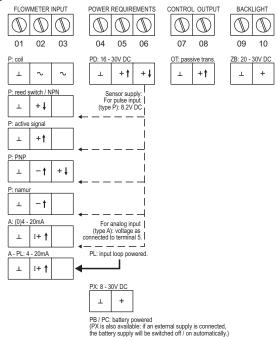
Cable entries



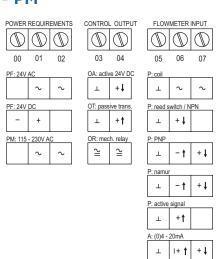
Aluminum, GRP & Stainless steel 316L field mount enclosures



Terminal connections PB/PC - PD - PL - PX

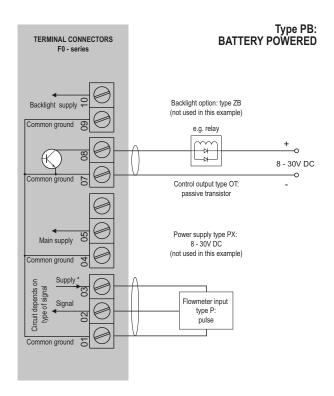


Terminal connections PF - PM



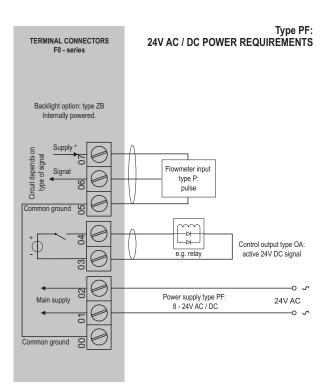


Configuration example F030-P-OT-PB-(PX)-XX-(ZB)



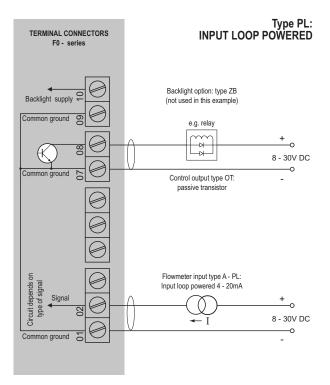
- * Sensor supply voltage for pulse flowmeter type P: Terminal 3: 1.2 / 3.2V DC.
- * Sensor supply voltage for analog flowmeter type A:

Configuration example F030-P-OA-PF-XX-ZB



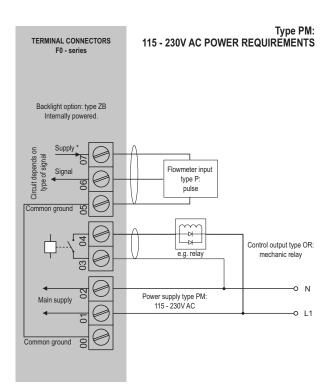
- * Sensor supply voltage for pulse flowmeter type P: Terminal 7: 1.2 / 3.2 / 8.2 / 12 / 24V DC.
- * Sensor supply voltage for analog flowmeter type A: Terminal 7: 8.2 / 12 / 24V DC.

Configuration example F030-A-OT-PL-XX-ZB



Sensor supply: sensor is externally powered

Configuration example F030-P-OR-PM-XX-ZB



 $^{^{\}star}$ Sensor supply voltage for pulse flowmeter type P: Terminal 7: 1.2 / 3.2 / 8.2 / 12 / 24V DC.

 $^{^{\}star}$ Sensor supply voltage for analog flowmeter type A: Terminal 7: 8.2 / 12 / 24V DC.



Hazardous area applications

The F030-XI has been certified according to ATEX and IECEx by DEKRA and according CSA c-us for use in Intrinsically Safe applications with an ambient temperature of -40°C to +70°C (-40°F to +158°F). For equipment category 1 D (EPL Da), -40°C to +50°C (-40°F to +122°F).

• The ATEX markings for gas and dust applications are:

Gas: II 1 G Ex ia IIC T4 Ga.

Dust: II 1 D Ex ia IIIC T₂₀₀ 100 °C Da.

• The IECEx markings for gas and dust applications are:

Gas: Ex ia IIC T4 Ga

Dust: Ex ia IIIC T₂₀₀ 100 °C Da.

• The CSA c-us markings are:

IS Class I/II/III, Division 1, Groups A to G T4.

Class 1 Zone O AEx ia IIC T4 Ga.

Ex ia IIC T4 Ga.

It is allowed to connect up to three I.S. power supplies to power the unit, sensor and backlight. Consult the certificate for the maximum input and output values of the circuits.

The FO3O-PD-XI offers a 8.2V DC sensor supply to power e.g. a Namur sensor or the input voltage to power an analog sensor. An ATEX/IECEx approved flame proof Ex d enclosure is available as well. Please contact your supplier for further details.

Note: Extended aluminum enclosures are not available with CSA c-us approval.

Certificate of conformity KEMA 05ATEX1168 X • IECEX KEM 08.0006X

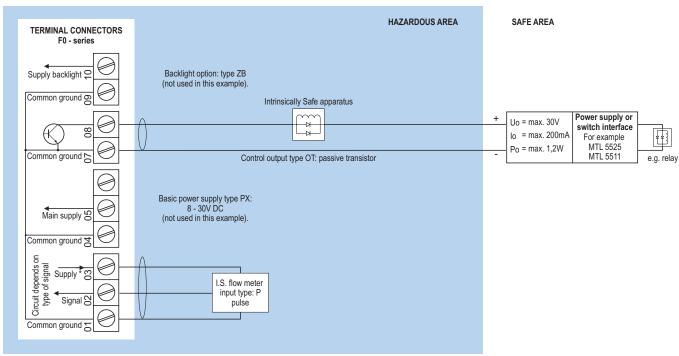
• CSA.08.2059461







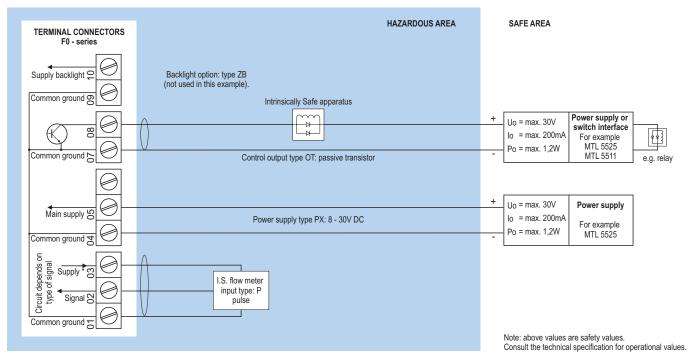
Configuration example IIA - IIB and IIC - F030-P-OT-PC-(PX)-XI-(ZB) - Battery powered unit



^{*} Sensor supply voltage for pulse flowmeter type P: Terminal 3: 1.2 / 3.2V DC.
Please note: type PX may be used in combination with the battery (type PC). PX will power the unit; the battery will be disabled automatically till power is disconnected.

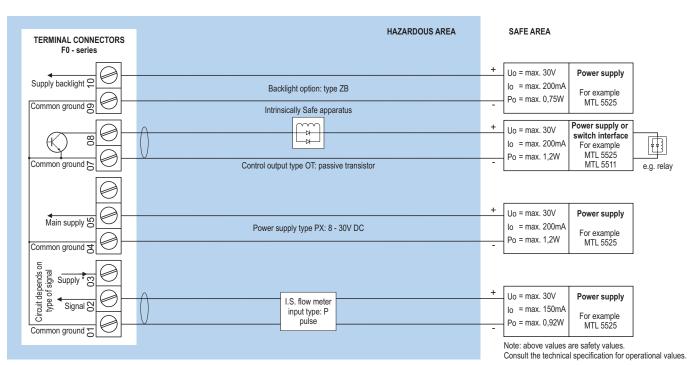


Configuration example IIA - IIB and IIC - F030-P-OT-PX-XI-(ZB) - Basic power requirement 8 - 30V DC



* Sensor supply voltage for pulse type P: Terminal 3: 1.2V / 3.2V DC.
Please note: type PX may be used in combination with the battery (type PC). PX will power the unit; the battery will be disabled automatically till power is disconnected.

Configuration example IIA - IIB and IIC - F030-P-OT-PX-XI-ZB - Basic power requirement 8 - 30V DC

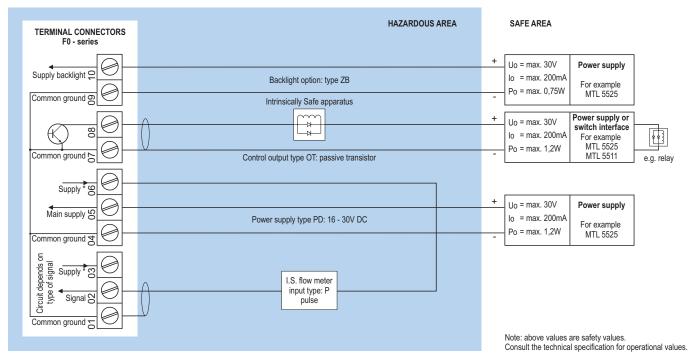


^{*} Sensor supply voltage for pulse type P: Terminal 3: 1.2V / 3.2V DC.

Please note: type PX may be used in combination with the battery (type PC). PX will power the unit; the battery will be disabled automatically till power is disconnected.

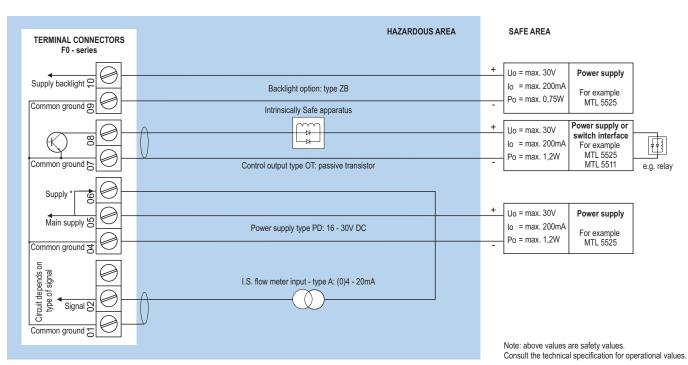


Configuration example IIA - IIB and IIC - F030-P-OT-PD-XI-ZB - Power requirement 16 - 30V DC



* Sensor supply voltage for pulse type P: Terminal 3: 1.2V / 3.2V DC. Terminal 6: 8.2V DC.
Please note: type PD may be used in combination with the battery (type PC). PD will power the unit; the battery will be disabled automatically till power is disconnected.

Configuration example IIA - IIB and IIC - F030-A-OT-PD-XI-ZB - Power requirement 16 - 30V DC

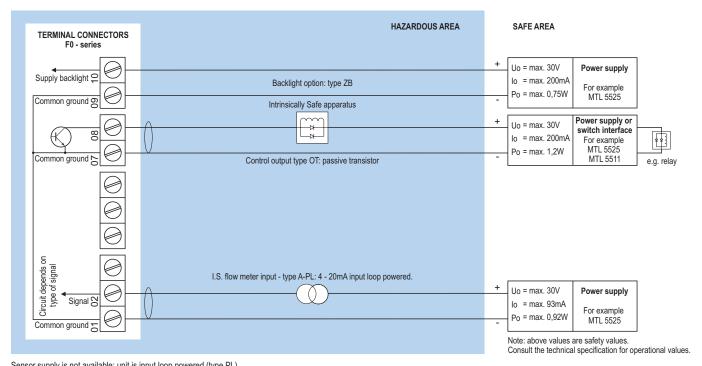


* Sensor supply voltage for analog flow meter type A: Terminal 6: as input voltage terminal 5 (internally linked).

Please note: type PD may be used in combination with the battery (type PC). PD will power the unit; the battery will be disabled automatically till power is disconnected.

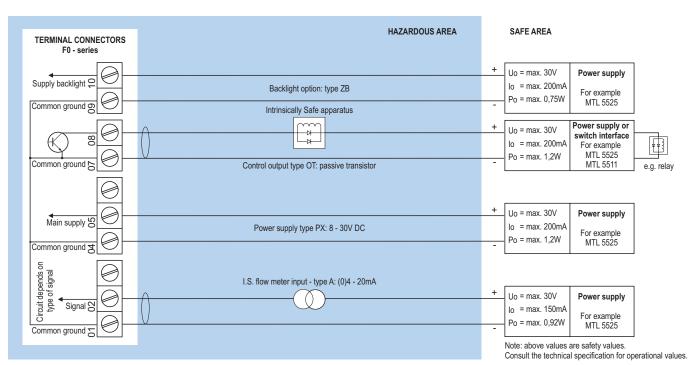


Configuration example IIA - IIB and IIC - F030-A-OT-PL-XI-ZB - Input loop powered



Sensor supply is not available: unit is input loop powered (type PL).
Please note: type PL may be used in combination with the battery (type PC). PL will power the unit; the battery will be disabled automatically till power is disconnected.

Configuration example IIA - IIB and IIC - F030-A-OT-PX-XI-ZB - Basic power requirement 8 - 30V DC



* Sensor supply voltage for analog flow meter type A: not available in this example.

Please note: type PX may be used in combination with the battery (type PC). PX will power the unit; the battery will be disabled automatically till power is disconnected.



Display

High intensity reflective numeric and
alphanumeric LCD, UV-resistant.
90 x 40mm (3.5" x 1.6").
Seven 17mm (0.67") and eleven 8mm (0.31")
digits. Various symbols and measuring units.
User definable: fast, 1sec , 3sec, 15sec, 30sec, off.
Transflective LCD with white LED-backlight.
Intensitiy can be adjusted in the configuration
menu. Good readings in full sunlight and
darkness. Also available Intrinsically Safe.

Ambient temperature

Safe areas	-40°C to +80°C (-40°F to +176°F).
EPL Ga / 1G	-40°C to +70°C (-40°F to +158°F).
EPL Da / 1D	-40°C to +50°C (-40°F to +122°F).
	max. dust layer thickness: 200mm.
EPL Db / 2D	-40°C to +70°C (-40°F to +158°F).
	max. dust layer thickness: 5mm.

Power require	ements
Type PB	Long life Lithium battery - life-time depends
	upon settings and configuration - up to 5 years.
	(requires PD, PL or PX)
Type PC	Intrinsically Safe long life lithium battery
	life-time depends upon settings and
	configuration - up to 5 years.
	(requires XI and PD, PL or PX)
Type PD	16 - 30V DC. power consumption max. 1W.
Type PF	24V AC / DC ± 10%. Power consumption max. 15W.
Type PL	Input loop powered from sensor signal 4 - 20mA
	(type "A").
Type PM	115 - 230V AC ± 10%. Power consumption max. 15W.
Type PX	8 - 30V DC. Power consumption max. 0.3W.
Type ZB	$20 - 30V$ DC $\pm 10\%$. Power consumption max. 1W.
	With type PF / PM: internally powered.
Note PB/PF/PM	Not available Intrinsically Safe.
Note PF/PM	The total consumption of the sensor, active
	output type OA and backlight type ZB may not
	exceed 400mA @ 24V DC.
Note XI	For Intrinsically Safe applications, consult the
	safety values in the certificate.

Sensor excitation

Type PB/PC/PX	3.2V DC for pulse signals and 1.2V DC for coil
	pick-up.
Note PB/PC/PX	This is not a real sensor supply. Only suitable for
	sensors with a very low power consumption like
	coils (sine wave) and reed-switches.
Type PD	For pulse signals: 1.2 / 3.2 / 8.2V DC - max.
	5mA@8.2V DC. For analog signals, the sensor
	supply voltage is according to the power supply
	voltage connected.
Type PF / PM	With pulse input: 1.2 / 3.2 / 8.2 / 12 / 24V DC -
	max. 400mA @ 24V DC. With analog input: 8.2 /
	12 / 24V DC - max. 400mA @ 24V DC.

Terminal connections

Туре	Removable plug-in terminal strip.
	Wire max. 1.5mm ² and 2.5mm ²

Data protection

Туре	EEPROM backup of all settings. Backup of
	running totals every minute. Data retention at
	least 10 years.
Password	Configuration settings can be password protected.

Directives & Standards

Directive 2014/30/EU, FCC 47 CFR part 15.
Directive 2014/35/EU
Directive 2011/65/EU
Directive 2014/34/EU, IEC 600079-0,
IEC 60079-11.
CSA 22.2 No. 157-92.
EN 60529 & NEMA 250.

Intrinsically Safe (Type XI)

CSA c-us	with CSAc-us approval.
Note	Extended aluminum enclosures are not available
	Ex ia IIC T4 Ga.
	Class 1 Zone 0 AEx ia IIC T4 Ga.
CSA c-us	IS Class I/II/III, Division 1, Groups A to G T4.
	Dust: Ex ia IIIC T ₂₀₀ 100 °C Da.
IECEx	Gas: Ex ia IIC T4 Ga.
	Dust: II 1 D Ex ia IIIC T ₂₀₀ 100 °C Da.
ATEX	Gas: II 1 G Ex ia IIC T4 Ga.

Explosion proof (Type XF)

	<u> </u>
ATEX/IECEx	Gas: II 2 G Ex db IIB+H2 T5 Gb.
	Dust: II 2 D Ex tb IIIC T80°C.
Protection	IP66
Type XF	Dimensions of enclosure: 300 x 250 x 200mm
	(11.8" x 9.9" x 7.9") L x H x D.
Weight	Appr. 15kg.



Enclosure

Window	Polycarbonate window.
Sealing	Silicone.
Control keys	Three industrial micro-switch keys. UV-resistant
	silicone keypad.

Panel mount enclosures

Dimensions	130 x 120 x 60mm (5.12" x 4.72" x 2.36") - W x H x D.
Panel cut-out	115 x 98mm (4.53" x 3.86") L x H.
Туре НВ	Die-cast aluminum panel mount enclosure IP65 /
	NEMA Type4X.
Weight	600 gr.
Type HC	GRP panel mount enclosure IP65 / NEMA
	Type4X, UV-resistant and flame retardant.
Weight	450 gr.
Type HSB	Die-cast stainless steel 316L IP67/NEMA Type4X.
Weight	1150gr.

GRP wall / field mount enclosures

General	GRP wall/field mount enclosure IP67 / NEMA
	Type4X, UV-resistant and flame retardant.
Dimensions	130 x 120 x 75mm (5.12" x 4.72" x 2.95") - W x H x D.
Weight	600 gr.
Type HD	Cable entry: no holes.
Type HE	Cable entry: 2 x Ø 16mm and 1 x Ø 20mm.
Type HF	Cable entry: 1 x Ø 22mm ($\frac{7}{8}$ ").
Type HG	Cable entry: 2 x Ø 20mm.
Туре НН	Cable entry: 6 x Ø 12mm.
Type HJ	Cable entry: $3 \times \emptyset$ 22mm ($\frac{7}{8}$ ").
Type HK	Flat bottom, cable entry: no holes.
Type HQ	Cable entry: 2 x Ø 16mm & 3 x Ø 12mm.

Aluminum wall / field mount enclosures

Aluminum w	all / field mount enclosures
General	Die-cast aluminum wall/field mount enclosure
	IP67 / NEMA Type4X with 2-component
	UV-resistant coating.
	Extended back cover available with undrilled
	preparation for direct meter mounting.
Dimensions	130 x 120 x 75mm (5.12" x 4.72" x 2.95") - W x H x D.
	130 x 120 x 90mm (5.12" x 4.72" x 3.54") - W x H x D.
Weight	1100 gr. / extended enclosure: 1310 gr.
Туре НА	Cable entry: 2 x PG9 and 1 x M20.
Type HL	Cable entry: 2 x ½" NPT.
Type HM/HBM	Cable entry: 2 x M16 and 1 x M20.
Type HN	Cable entry: 1 x M20.
Type HO/HBO	Cable entry: 2 x M20.
Туре НР	Cable entry: 6 x M12.
Type HT	Cable entry: 1 x ½" NPT.
Type HU/HBU	Cable entry: 3 x ½" NPT.
Type HV	Cable entry: 4 x M20.
Type HZ	Cable entry: no holes.
Note	Extended aluminum enclosures are not available
CSA c-us/FM	with CSAc-us and FM approvals.

Stainless steel 316L wall / field mount enclosures

	or order manny moral mounts officially
General	Die-cast stainless steel 316L wall / field mount
	enclosure with flat bottom. IP67 / NEMA Type4X.
Dimensions	130 x 120 x 75mm (5.12" x 4.72" x 2.95") - W x H x D.
Weight	2700 gr.
Type HSM	Cable entry: 2 x M16 + 1 x M20.
Type HSO	Cable entry: 2 x M20.
Type HSU	Cable entry: $3 \times \frac{1}{2}$ NPT.

Signal inputs - Flowmeter	
Туре Р	Coil / sine wave (HI: 20mVpp or LO: 90mVpp -
	sensitivity selectable), NPN/PNP, open collector,
	reed switch, Namur, active pulse signals 8 - 12
	and 24V DC.
Frequency	Minimum OHz - maximum 6kHz for total and
	flow rate. Maximum frequency depends on signal
	type and internal low-pass filter. E.g. reed switch
	with low-pass filter: max. frequency 120Hz.
K-Factor	0.000010 - 9,999,999 with variable decimal
	position.
Low-pass filter	Available for all pulse signals.
Option ZF	coil sensitivity 10mVpp.
Option ZG	coil sensitivity 5mVpp.
Type A	(0)4 - 20mA. Analog input signal can be scaled
	to any desired range within 0 - 20mA.
Type U	0 - 10V DC. Contact factory.
Accuracy	Resolution: 16 bit. Error < 0.01 mA / $\pm 0.05\%$ FS.
	Low level cut-off programmable.
Span	0.0010 - 999,999 with variable decimal position.
Update time	Four times per second.
Voltage drop	Type A: max. 1V DC @ 20mA.
Voltage drop	Type A - PL (loop powered): max. 2.6V DC @
	20mA.
Relationship	Linear and square root calculation.
Note A	For signal type A: external power to sensor is
	required; e.g. type PD.
Signal outpu	t - Digital output
Function	Control output according the batch process.
Type OA	One active 24V DC transistor output (PNP);
	load max. 400mA (requires PF or PM).
Type OR	One electro-mechanical relay output - isolated;
	max. switch power 230V AC (N.O.) - 0.5A

Operator functions

Type OT

Displayed info	• Preset value - can be entered by the operator.
	 Batched quantity or remaining quantity.
	 Total and accumulated total.
	 Total can be reset to zero by pressing the
	CLEAR-key twice.

One passive transistor output (NPN) - not isolated. Max. 50V DC - 300mA per output.

(requires PF or PM).

Preset and total

Digits	7 digits.
Units	L, m ³ , GAL, USGAL, kg, lb, bbl, no unit.
Decimals	0 - 1 - 2 or 3.
Note	Total can be reset to zero.

Accumulated total

/ toodillalatoa total	
Digits	11 digits.
Units / Decimals	According to selection for total.
Note	Can not be reset to zero.



	Description	
Model	F030	Batch controller with one stage control.
	А	(0)4 - 20mA input.
Input	Р	Pulse input, e.g., coil, npn, pnp, namur.
	НВ	Aluminum panel mount enclosure.
	НС	GRP panel mount enclosure.
	HSB	Stainless steel 316L panel mount enclosure.
	HD	GRP field mount - Cable entry: no holes.
	HE	GRP field mount - Cable entry: 2 x Ø 16mm & 1 x Ø 20mm.
	HF	GRP field mount - Cable entry: 1 x Ø 22mm ($\frac{7}{8}$ ").
	HG	GRP field mount - Cable entry: 2 x Ø 20mm.
	HH	GRP field mount - Cable entry: 6 x Ø 12mm.
	HJ	GRP field mount - Cable entry: $3 \times \emptyset 22mm$ ($\frac{7}{8}$ ").
	HK	GRP field mount, flat bottom - Cable entry: no holes.
	HQ	GRP field mount - Cable entry: 2 x Ø 16mm & 3 x Ø 12mm.
10	НА	Aluminum field mount - Cable entry: 2 x PG9 + 1 x M20.
Enclosures	HL	Aluminum field mount - Cable entry: 2 x ½"NPT.
SOI	НМ	Aluminum field mount - Cable entry: 2 x M16 + 1 x M20.
Enc	HN	Aluminum field mount - Cable entry: 1 x M20.
	НО	Aluminum field mount - Cable entry: 2 x M20.
	HP	Aluminum field mount - Cable entry: 6 x M12.
	HT	Aluminum field mount - Cable entry: $1 \times \frac{1}{2}$ NPT.
	HU	Aluminum field mount - Cable entry: $3 \times \frac{1}{2}$ NPT.
	HV	Aluminum field mount - Cable entry: 4 x M20.
	HZ	Aluminum field mount - Cable entry: no holes.
	HBM	Extended Alu. field/meter mount - Cable entry: 2 x M16 + 1 x M20 (not with CSAc-us approval).
	НВО	Extended Alu. field/meter mount - Cable entry: 2 x M20 (not with CSAc-us approval).
	HBU	Extended Alu. field/meter mount - Cable entry: $3 \times \frac{1}{2}$ "NPT (not with CSAc-us approval).
	HSM	Stainless steel 316L field mount - Cable entry: 2 x M16 + 1 x M20.
	HSO	Stainless steel 316L field mount - Cable entry: 2 x M20.
	HSU	Stainless steel 316L field mount - Cable entry: $3 \times 1/2$ "NPT.
tal	OA	One active transistor output - requires XX and PF or PM.
Digital output	OR	One mechnical relay output - requires XX and PF or PM.
	ОТ	One passive transistor output.
	PD	16 - 30 V DC + sensor supply.
Je.	PF	24V AC/DC + sensor supply - requires XX.
Power	PL	Input loop powered from sensor signal type "A".
	PM	115 - 230V AC + sensor supply - requires XX.
	PX	Basic power supply 8 - 30V DC.
Battery	PB	Additional lithium battery powered (opt.) - requires XX and PD, PL or PX.
	PC	Additional lithium battery powered (opt.) - Intrins. safe - requires XI and PD, PL or PX.
ar- us	XI	Intrinsically safe, according ATEX, IECEx and CSA c-us
Hazar- dous	XF XX	Ex d enclosure - 3 keys according ATEX and IECEx. Safe area only, according CE / UKCA.
		VI
ns	ZB ZF	Backlight. Coil input 10mVpp
Options		Coil input 10mVpp.
	ZG ZX	Coil input 5mVpp. No options.
The hele		ext contains the standard configuration: F030-P-HC-OT-PX-XX-7X

The **bold** marked text contains the standard configuration: F030-P-HC-OT-PX-XX-ZX.

