

### Type 1000 General Purpose Ordering Information

Input	Output*		Part Number	Impedance (Nominal)
	BAR	PSIG		
4-20mA	0.2-0.6	3-9	961-072-000	90 Ω
	0.6-1.0	9-15	961-073-000	90 Ω
	0.2-1.0	3-15	961-070-000	180 Ω
	0.2-1.9	3-27	961-074-000	220 Ω
	0.4-2.1	6-30	961-075-000	220 Ω
	0.07-1.2	1-17	961-116-000	250 Ω
10-50mA	0.2-1.0	3-15	961-076-000	70 Ω
	0.2-1.9	3-27	961-077-000	85 Ω
	0.4-2.1	6-30	961-078-000	85 Ω
0-5V	0.2-1.0	3-15	961-079-000	615 Ω
	0.2-1.9	3-27	961-080-000	530 Ω
	0.4-2.1	6-30	961-081-000	530 Ω
1-9V	0.2-1.0	3-15	961-085-000	985 Ω
	0.2-1.9	3-27	961-086-000	840 Ω
	0.4-2.1	6-30	961-087-000	840 Ω
0-10v	0.2-1.0	3-15	961-913-000	1.27K Ω

NOTE: For NEMA 4, add 004 suffix.

### Type 1000 Extended Range Ordering Information

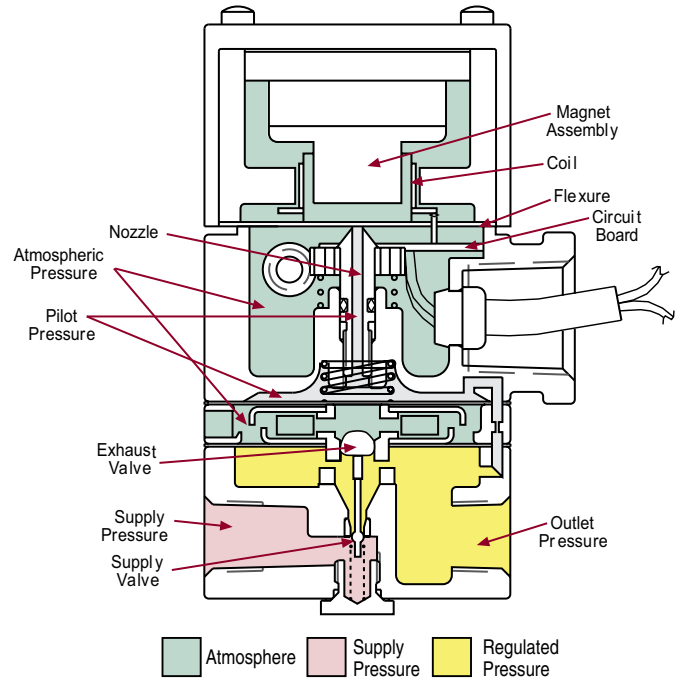
Input	Output*		Part Number	Impedance (Nominal)
	BAR	PSIG		
0-60mA	0.1-8.3	2-120	961-107-000	220 Ω
4-20mA	0.2-8.3	3-120	961-111-000	260 Ω
	0.1-4.1	2-60	961-117-000	225 Ω
0-10V	0.2-8.3	3-120	961-112-000	805 Ω
0-5V	0.1-4.1	2-60	961-118-000	500 Ω

### Type 1000 High Relief Ordering Information

Input	Output*		Part Number	Impedance (Nominal)
	BAR	PSIG		
4-20mA	0.2-0.6	3-9	961-130-000	90 Ω
	0.6-1.0	9-15	961-131-000	90 Ω
	0.2-1.0	3-15	961-132-000	180 Ω
	0.2-1.9	3-27	961-133-000	220 Ω
	0.4-2.1	6-30	961-134-000	220 Ω
	0.2-1.0	3-15	961-135-000	180 Ω
10-50mA	0.07-1.2	1-17	961-136-000	250 Ω
	0.2-1.0	3-15	961-137-000	70 Ω
	0.2-1.9	3-27	961-138-000	85 Ω
	0.4-2.1	6-30	961-139-000	85 Ω

### Type 1000 Options and Accessories

	Part Number
Explosion Proof Mounting Kit	971-079-000
Explosion Proof Panel Mounting Kit	971-078-000
DIN Rail Kit	010-115-000
Hirschman Connector Kit (3-prong)	971-126-000
Filter Kit, 60 micron	010-139-000
Output Gauges	Option "8" ie: last 3 digits become - 008
Dielectric Strength Testing	Option "12" ie: last 3 digits become - 012
NEMA 4 Type Enclosure Option	Option "4" ie: last 3 digits become - 004



### Agency Approval Notes

#### Factory Mutual (FM)

**T-1000 I/P Transducer, P/N's 961-099-a, 961-100a, 961-101-a, 961-175-a, 961-176-a, 961-177-a**

a = External mechanical option 000 to 999.

Intrinsically Safe: Class I, Div 1, Groups A, B, C, & D; T6; 541-000-012

Non-Incendive: Class I, Div 2, Groups A, B, C, & D; T6

#### T-1000 .I/P Transducers, P/N 961-098-000; E/P P/N 961-142-000.

Explosion Proof: Class I, Div 1, Group D; T6

Dust Ignition Proof: Classes II & III, Div 1, Groups E, F, & G; T6;

Type 4



#### CSA

#### Class No: 2258 02 Process Control Equipment For Hazardous Locations

Class I, Group D; Class II, Groups E, F and G; Class III; CSA Enc. 4:

Current to pressure (I/P) transducer, Type 1000, Part No 231-961-098-100, rated input 4-20mA, output 3-15 psi, MWP 100 psi.

#### Class No: 2258 03 Process Control Equipment - Intrinsically Safe and Non Incendive Systems - For Hazardous Locations

Class I, Groups A, B, C, D; Class II, Groups E, F, G; Class III:

T1000 I/P (current-to-pressure) transducer Model Nos 221-961-106-000 and 221-961-105-000, rated input 4-20mA, intrinsically safe when connected through CSA Certified diode safety barriers in accordance with "Bellofram" Installation Instruction 229-541-000-012.

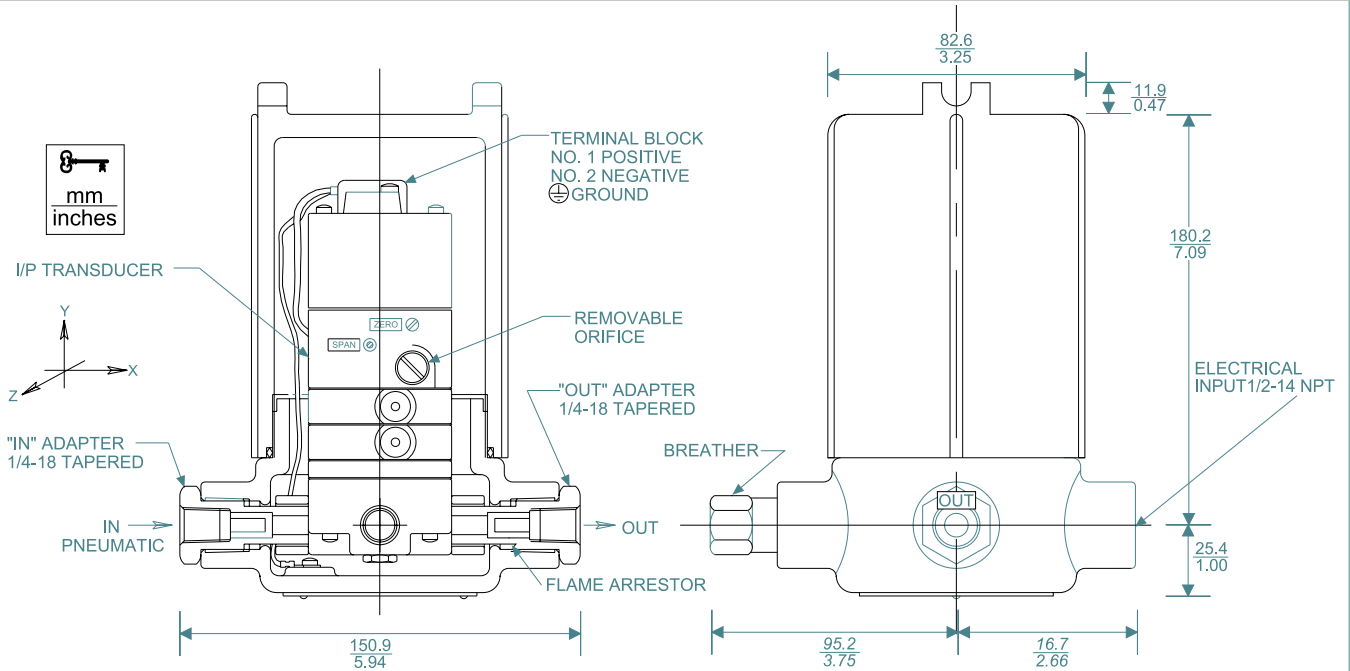
### Filter Note

Bellofram specifies the use of instrument quality air (clean, dry, oil-free) for all transducers. The use of filters in the supply air system is highly recommended. Contact us for information on our filters and filter regulators.

\* For output pressures less than 3 PSI (0.2 BAR) or greater than 30 PSI (21 BAR), the Type 1000 transducer can be coupled to Bellofram Type 75 pneumatic relay. Consult Applications Engineers for further information.

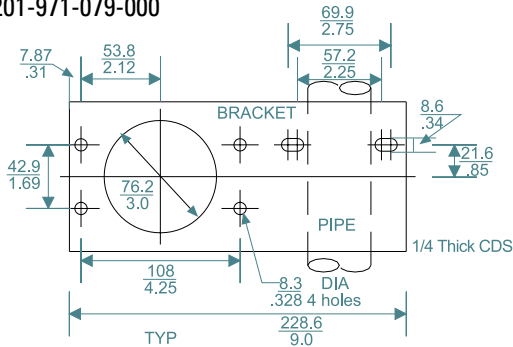
\*\* NEMA 4 type enclosure option available on all input/output ranges. This option is separate from explosion proof, NEMA 4 units.

## Type 1000 Explosion Proof Dimensional Drawing;



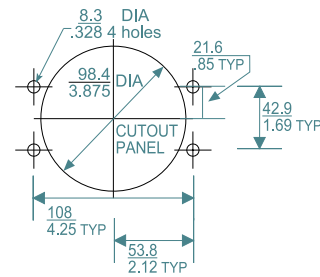
### Optional Mounting Bracket & Hardware

Order kit #201-971-079-000



### Optional Mounting Hardware

Order Kit #201-971-078-000



Drawings and dimensions are for reference only.



## Type 1000 Hazardous Location Use Ordering Information

Input	Output*		Part Number	Impedance (Nominal)	Agency Approvals (See notes)
	BAR	PSIG			
<b>Type 1000 Explosion Proof</b>					
4-20mA	0.2-1.0	3-15	961-098-000	180 Ω	Explosion-Proof, Factory Mutual
	0.2-1.0	3-15	961-098-100	180 Ω	CSA Explosion Proof
1-9v	20-100	3-15	961-142-000	985 Ω	Explosion Proof Factory Mutual
<b>Type 1000 Intrinsically Safe</b>					
4-20mA	0.2-1.0	3-15	961-099-000	180 Ω	Intrinsically Safe, Factory Mutual
	0.2-1.9	3-27	961-100-000	220 Ω	Intrinsically Safe, Factory Mutual
	0.2-1.0	3-15	961-105-000	180 Ω	Intrinsically Safe, CSA
	0.2-1.9	3-27	961-106-000	220 Ω	Intrinsically Safe, CSA
	0.4-2.1	6-30	961-101-000	220 Ω	Intrinsically Safe, Factory Mutual
	1.0-0.2	15-3	961-175-000	180 Ω	Intrinsically Safe, Factory Mutual
	1.9-0.2	27-3	961-176-000	220 Ω	Intrinsically Safe, Factory Mutual
	2.1-0.4	30-6	961-177-000	220 Ω	Intrinsically Safe, Factory Mutual

\*For output pressures less than 3 psi or greater than 30 psi the Type 1000 transducer can be coupled to Bellofram Type 75 pneumatic relay. Consult application engineers for further information.