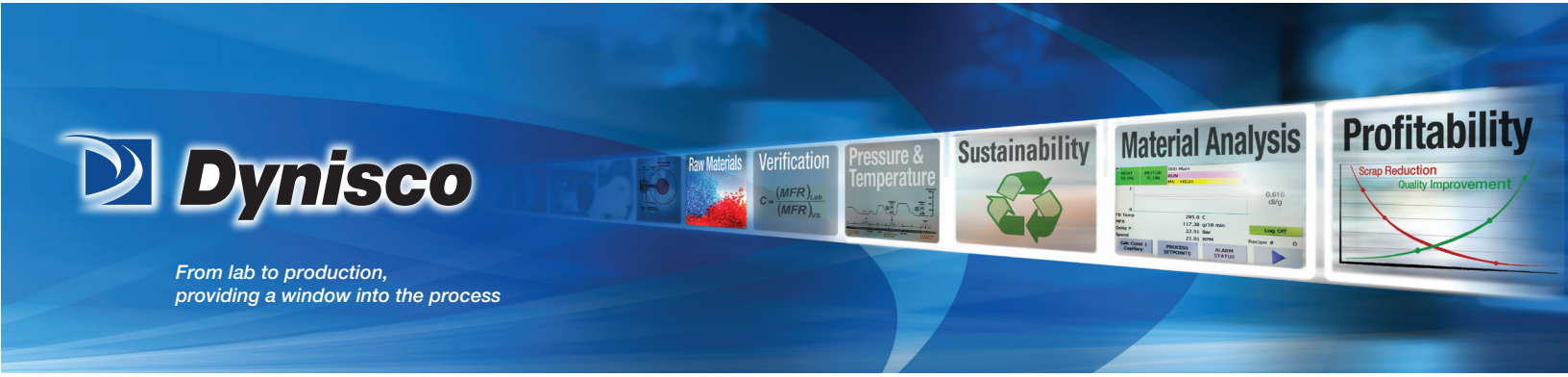
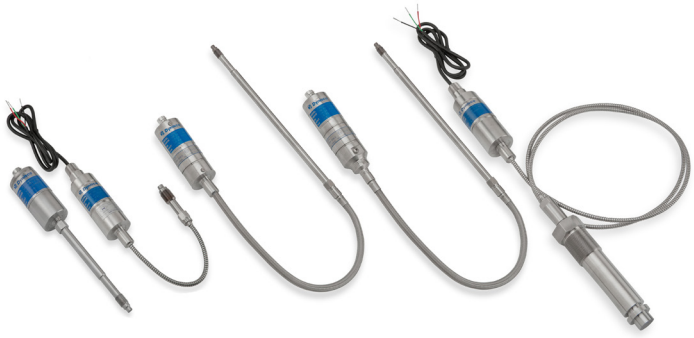


Dynisco SPX 5-Series

General Purpose Smart Pressure Sensors for Hazardous Locations



Description

The Dynisco SPX 5-Series is a smart 4-20mA pressure transmitter that includes Dynalarirty™ , a Dynisco innovation that uses an advanced algorithm that will linearize offsets due to process effects on the sensor. The SPX 5-Series is an all welded construction designed for use in hazardous locations and is available with a variect of process and electrical connections.

These amplified transmitters eliminate the need for external signal conditioning. All models can interface directly with distributed control systems, PLC's, computers, and similar high level control devices. Optional thermocouple or RTD configurations are available to provide melt temperature.

Features

- 4-20mA loop-powered output
- Improved accuracy with Dynalarity ±0.2% available
- Wide selection of pressure ranges available
- Turndown 3:1
- Configurations available for use in hazardous locations
- Remotely configurable via HART™
- Precise, repeatable pressure measurements
- Output supplied directly to DSC or PLC
- Meets CE requirements
- CE ATEX Intrinsically Safe Approved
- FM Explosion Proof Approved
- CSA Explosion Proof Approved
- SIL 2 Certified (Pressure Output)
- PL'c' Certified (Relay Output)
- Additional approvals are available

Performance Characteristics SPX5- Series	
Output	4 - 20 mA, with optional HART™
Input Voltage	16 - 36 Vdc (Std); 16 - 30 Vdc (ATEX IS)
Accuracy *Accuracy is defined as the combined error expressed as a percentage of full scale output with the specifications of: Electronics ambient temperature, capillary of <= 36"; DyMax coated 15-5 SST diaphragm; Best Straight Line (BSL) %FS, per ISA-37.1 Consult Factory for availability and specifications of other configurations.*	All Models ± 0.20%
Repeatability	±0.1%
Rangeability	3:1 Turndown
Over Pressure	2X FSO or 35,000 psi,whichever is less (5390, 5391, & 5392 1.5 x FSO for 10,000 psi)
Zero Balance Adjustment Range	-40% to +10%; -80% to 20% for FSP < 500 psi
Load Resistance	500 Ω @ 24 Vdc, 1,000 Ω @ 36 Vdc
Electronics Ambient Temperature	70°F (20°C)
Electronics Operating Temperature	-20 to 185°F (-29 to 85°C)
Diaphragm Temperature	750°F (400°C) max [Models 5344, 5390, 5391, 5392 limited to 600°F (315°C)]
Electronics Compenstated Temperature Range	0 to 150°F (-18 to 65°C)
Zero Shift (Electronics Temp Change)	All Models: 0.01% F.S./°F max (0.02% F.S./°C max)
Span Shift (Electronics Temp Change	All Models: 0.01% F.S./°F max (0.02% F.S./°C max)
Zero Shift (Snout Temp Change)	5344/5390/5391/5392: 1 psi/100°F (from 75-450°F) typical 2 psi/100°F (from 450-600°F) typical 5342/5343: 15 psi/100°F (27 psi/100°C) typical

Mechanical Characteristics	
Mounting Torque	5342: 500 inch-lbf max 5343: 50 inch-lbf max 5344: 350 inch-lbf max 5390: 350 inch-lbf max 5391: 350 inch-lbf max 5392: 80 ft-lbf max
Standard Wetted Parts	DyMax coated 15-5 PH SST
Approvals & Certifications	
CE ATEX IS	
SIL 2 (pressure output) & PL'c' (relay output)	
FM & CSA Explosion Proof	
Additional Approvals are Available	

Ordering Guide for Models SPX5342[1]

5XXX X X XX X XX XX XX X XX XX XXXX

Model
342

Approval
E = Explosion Proof
S = ATEX/Intrinsically Safe
N = No Approvals

Diaphragm Material
A = DyMax Coated 15-5 PH SST
M= Hastelloy
P= Inconel

Process Connection
00 = 1/2-20 UNF
05 = M18 x 1.5 Thread

Pressure Units
B = BAR
C = KPa
K = Kgf/cm^2
M = MPa
P = PSI

Option Code

Temperature Sensor
ZZ = No Thermocouple/RTD
AA = Single J TC with 3" Flex

Electrical Connections
AC = PT1H-10-6P Connector
CA = 1/2-14 NPT Conduit with 42" Leads
AF = PCIH-12-8P Connector Threaded Style

Communications
A = No Protocol
B = HART™ Protocol

Flex Length
AA = No Flex
DD = 18", 46 cm Flex
FF = 30", 76 cm Flex

Snout Length
AW = 3", 7.6 cm
CE = 6", 15 cm
DP = 9", 23 cm
FE = 12.5", 32 cm
GH = 15", 38 cm

Pressure Range

14 =	500 psi	35 Bar	35 kgf/cm^2	3.5 MPa
15 =	750 psi	50 Bar	50 kgf/cm^2	5.0 MPa
16 =	1,000 psi	70 Bar	70 kgf/cm^2	7.0 MPa
17 =	1,500 psi	100 Bar	100 kgf/cm^2	10.0 MPa
20 =	3,000 psi	200 Bar	200 kgf/cm^2	20.0 MPa
21 =	5,000 psi	350 Bar	350 kgf/cm^2	35.0 MPa
22 =	7,500 psi	500 Bar	500 kgf/cm^2	50.0 MPa
23 =	10,000 psi	700 Bar	700 kgf/cm^2	70.0 MPa
24 =	15,000 psi	1,000 Bar	1,000 kgf/cm^2	100.0 MPa
25 =	20,000 psi	1,400 Bar	1,400 kgf/cm^2	140.0 MPa
27 =	30,000 psi	2,000 Bar	2,000 kgf/cm^2	200.0 MPa

[1]*Other configurations are avaialble. Please consult factory.*

Ordering Guide for Models SPX5343[1]

5XXX X X XX X XX XX XX X XX XX XXXX

Model
343

Approval
E = Explosion Proof
S = ATEX/Intrinsically Safe
N = No Approvals

Diaphragm Material
A = DyMax Coated 15-5 PH SST
M= Hastelloy
P= Inconel

Mounting Flange
25 = Standard Flange

Pressure Units
B = BAR
C = KPa
K = Kgf/cm^2
M = MPa
P = PSI

Option Code

Temperature Sensor
ZZ = No Thermocouple / RTD
AA = Single J TC with 3" Flex

Electrical Connections
AC = PT1H-10-6P Connector
CA = 1/2-14 NPT Conduit with 42" Leads
AF = PCIH-12-8P Connector Threaded Style

Communications
A = No Protocol
B = HART™ Protocol

Flex Length
DD = 18", 46cm Flex
FF = 30", 76cm Flex

Snout Length
CE = 6", 15.0 cm

Pressure Range

14 =	500 psi	35 Bar	35 kgf/cm^2	3.5 MPa
15 =	750 psi	50 Bar	50 kgf/cm^2	5.0 MPa
16 =	1,000 psi	70 Bar	70 kgf/cm^2	7.0 MPa
17 =	1,500 psi	100 Bar	100 kgf/cm^2	10.0 MPa
20 =	3,000 psi	200 Bar	200 kgf/cm^2	20.0 MPa
21 =	5,000 psi	350 Bar	350 kgf/cm^2	35.0 MPa
22 =	7,500 psi	500 Bar	500 kgf/cm^2	50.0 MPa
23 =	10,000 psi	700 Bar	700 kgf/cm^2	70.0 MPa
24 =	15,000 psi	1,000 Bar	1,000 kgf/cm^2	100.0 MPa
25 =	20,000 psi	1,400 Bar	1,400 kgf/cm^2	140.0 MPa
27 =	30,000 psi	2,000 Bar	2,000 kgf/cm^2	200.0 MPa

[1]*Other configurations are avaialble. Please consult factory.*

Ordering Guide for Models SPX5344[1]

5XXX X X XX X XX XX XX X XX XX XXXX

Model
344

Approval
E = Explosion Proof
S = ATEX/Intrinsically Safe
N = No Approvals

Diaphragm Material
A = DyMax Coated 15-5 PH SST

Mounting Flange
88 = Flat Faced Mounting Flange

Pressure Units
B = BAR
C = KPa
K = Kgf/cm^2
M = MPa
P = PSI

Option Code

Temperature Sensor
ZZ = No Thermocouple / RTD

Electrical Connections
AC = PT1H-10-6P Connector
CA = 1/2-14 NPT Conduit with 42" Leads
AF = PCIH-12-8P Connector Threaded Style

Communications
A = No Protocol
B = HART™ Protocol

Flex Length
DD = 18", 46 cm Flex

Snout Length
NE = 2.031", 5.16 cm

Pressure Range

13 =	250 psi	17.5 Bar	7.5 kgf/cm^2	1.75 MPa
14 =	500 psi	35 Bar	35 kgf/cm^2	3.5 MPa
15 =	750 psi	50 Bar	50 kgf/cm^2	5.0 MPa
16 =	1,000 psi	70 Bar	70 kgf/cm^2	7.0 MPa
17 =	1,500 psi	100 Bar	100 kgf/cm^2	10.0 MPa
20 =	3,000 psi	200 Bar	200 kgf/cm^2	20.0 MPa
21 =	5,000 psi	350 Bar	350 kgf/cm^2	35.0 MPa
22 =	7,500 psi	500 Bar	500 kgf/cm^2	50.0 MPa

[1]*Other configurations are avaialble. Please consult factory.*

Ordering Guide for Models SPX5390[1]

5XXX X X XX X XX XX XX X XX XX XXXX

- Option Code
- Temperature Sensor
  ZZ = No Thermocouple / RTD
- Electrical Connections
  AC = PT1H-10-6P Connector
  CA = 1/2-14 NPT Conduit with 42" Leads
  AF = PCIH-12-8P Connector Threaded Style
- Communications
  A = No Protocol
  B = HART™ Protocol
- Flex Length
  MM = 60", 152 cm Flex
  SS = 6", 15 cm Rigid
- Snout Length
  BU = 5", 12.7 cm
  CE = 6", 15.2 cm
- Model
  390
- Approval
  E = Explosion Proof
  S = ATEX/Intrinsically Safe
  N = No Approvals
- Diaphragm Material
  A = DyMax Coated 15-5 PH SST
- Mounting Flange
  69 = No Mounting Flange
- Pressure Units
  B = BAR
  C = KPa
  K = Kgf/cm²
  M = MPa
  P = PSI

Pressure Range

08[2]	=	25	psi	1.75	Bar	1.75	Kgf/cm²	0.175	MPa
09[2]	=	50	psi	3.5	Bar	3.5	Kgf/cm²	0.35	MPa
11[2]	=	100	psi	7	Bar	7	Kgf/cm²	0.7	MPa
13	=	250	psi	17.5	Bar	17.5	Kgf/cm²	1.75	MPa
14	=	500	psi	35	Bar	35	Kgf/cm²	3.5	MPa
15	=	750	psi	50	Bar	50	Kgf/cm²	5	MPa
16	=	1,000	psi	70	Bar	70	Kgf/cm²	7	MPa
17	=	1,500	psi	100	Bar	100	Kgf/cm²	10	MPa
20	=	3,000	psi	200	Bar	200	Kgf/cm²	20	MPa
21	=	5,000	psi	350	Bar	350	Kgf/cm²	35	MPa
22	=	7,500	psi	500	Bar	500	Kgf/cm²	50	MPa
23	=	10,000	psi	700	Bar	700	Kgf/cm²	70	MPa

[1]*Other configurations are avaialble. Please consult factory.*

[2]*Pressure ranges below 250 psi are supplied with rigid capillary*

Ordering Guide for Models SPX5391[1]

5XXX X X XX X XX XX XX X XX XX XXXX

Model
391

Approval
E = Explosion Proof
S = ATEX/Intrinsically Safe
N = No Approvals

Diaphragm Material
A = DyMax Coated 15-5 PH SST

Mounting Flange
48 = Flat Faced Flange

Pressure Units
B = BAR
C = KPa
K = Kgf/cm²
M = MPa
P = PSI

Option Code

Temperature Sensor
ZZ = No Thermocouple
AA = Single J TC with 3" Flex

Electrical Connections
AC = PT1H-10-6P Connector
CA = 1/2-14 NPT Conduit with 42" Leads
AF = PCIH-12-8P Connector Threaded Style

Communications
A = No Protocol
B = HART™ Protocol

Flex Length
FF = 30", 76 cm Flex
MM = 60", 152 cm Flex
SS = 6", 15 cm Rigid
TT = 12", 31 cm Rigid

Snout Length
BU = 5", 12.7 cm

Pressure Range

08[2]	=	25	psi	1.75	Bar	1.75	Kgf/cm²	0.175 MPa
09[2]	=	50	psi	3.5	Bar	3.5	Kgf/cm²	0.35 MPa
11[2]	=	100	psi	7	Bar	7	Kgf/cm²	0.7 MPa
13	=	250	psi	17.5	Bar	17.5	Kgf/cm²	1.75 MPa
14	=	500	psi	35	Bar	35	Kgf/cm²	3.5 MPa
15	=	750	psi	50	Bar	50	Kgf/cm²	5 MPa
16	=	1,000	psi	70	Bar	70	Kgf/cm²	7 MPa
17	=	1,500	psi	100	Bar	100	Kgf/cm²	10 MPa
20	=	3,000	psi	200	Bar	200	Kgf/cm²	20 MPa
21	=	5,000	psi	350	Bar	350	Kgf/cm²	35 MPa
22	=	7,500	psi	500	Bar	500	Kgf/cm²	50 MPa
23	=	10,000	psi	700	Bar	700	Kgf/cm²	70 MPa

[1]*Other configurations are avaialble. Please consult factory.*

[2]*Pressure ranges below 250 psi are supplied with rigid capillary*

Ordering Guide for Models SPX5392[1]

5XXX X X XX X XX XX XX X XX XX XXXX

Option Code

Model
392

Temperature Sensor
ZZ = No Thermocouple

Approval
E = Explosion Proof
S = ATEX/Intrinsically Safe
N = No Approvals

Electrical Connections
AC = PT1H-10-6P Connector
CA = 1/2-14 NPT Conduit with 42" Leads
AF = PCIH-12-8P Connector Threaded Style

Diaphragm Material
A = DyMax Coated 15-5 PH SST

Communications
A = No Protocol
B = HART™ Protocol

Process Connection
89 = 1 1/2-16 UN2A Thread

Flex Length
MM = 60" Flex
SS = 6" Rigid

Pressure Units
B = BAR
C = KPa
K = Kgf/cm²
M = MPa
P = PSI

Snout Length
AW = 3", 7.6 cm
CE = 6", 15 cm

Pressure Range

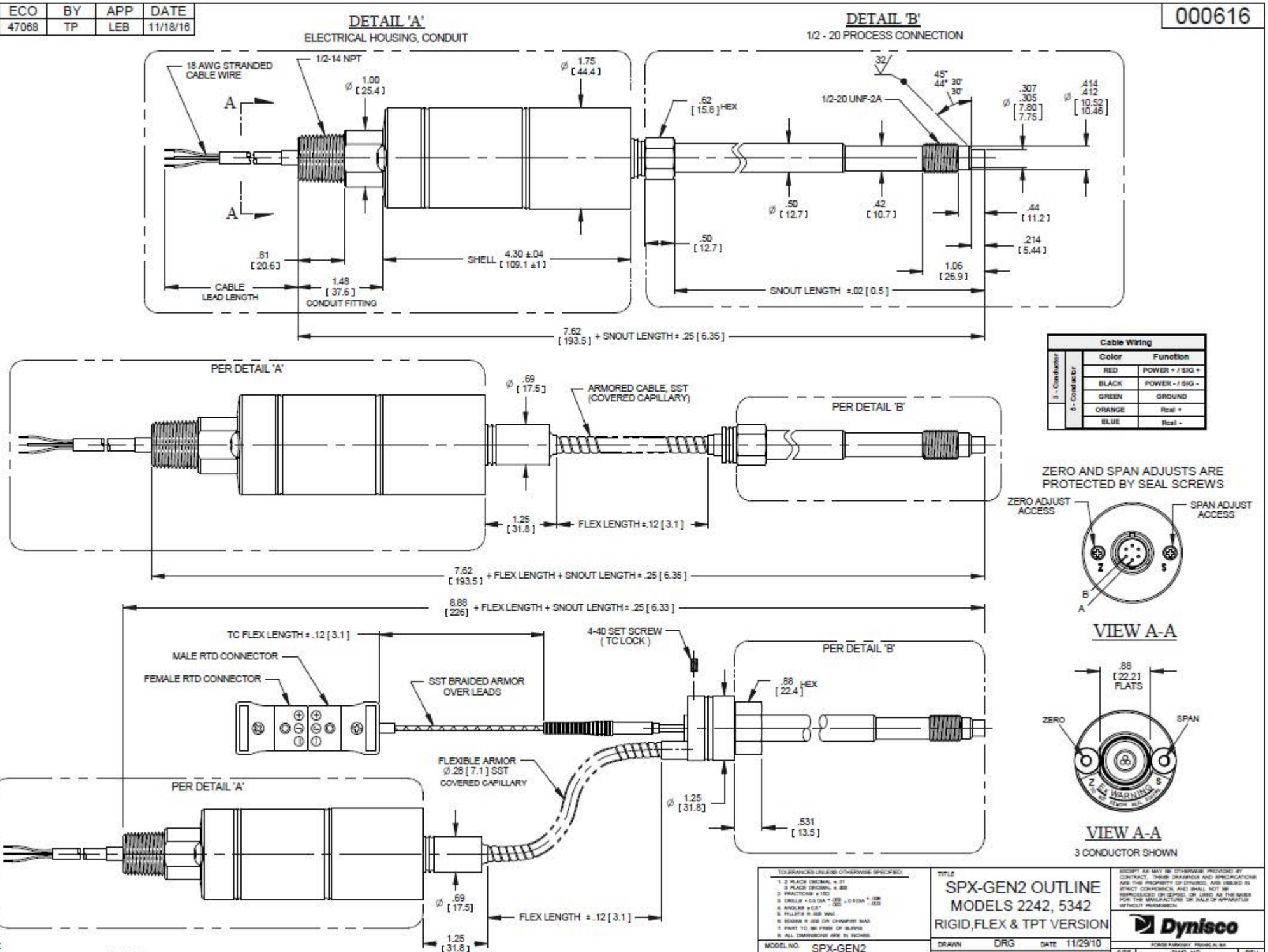
08[2]	=	25	psi	1.75	Bar	1.75	Kgf/cm²	0.175 MPa
09[2]	=	50	psi	3.5	Bar	3.5	Kgf/cm²	0.35 MPa
11[2]	=	100	psi	7	Bar	7	Kgf/cm²	0.7 MPa
13	=	250	psi	17.5	Bar	17.5	Kgf/cm²	1.75 MPa
14	=	500	psi	35	Bar	35	Kgf/cm²	3.5 MPa
15	=	750	psi	50	Bar	50	Kgf/cm²	5 MPa
16	=	1,000	psi	70	Bar	70	Kgf/cm²	7 MPa
17	=	1,500	psi	100	Bar	100	Kgf/cm²	10 MPa
20	=	3,000	psi	200	Bar	200	Kgf/cm²	20 MPa
21	=	5,000	psi	350	Bar	350	Kgf/cm²	35 MPa
22	=	7,500	psi	500	Bar	500	Kgf/cm²	50 MPa
23	=	10,000	psi	700	Bar	700	Kgf/cm²	70 MPa

[1]*Other configurations are avaialble. Please consult factory.*

[2]*Pressure ranges below 250 psi are supplied with rigid capillary*

REV	ECO	BY	APP	DATE
C	47068	TP	LEB	11/18/16

000616



Cable Wiring		
	Color	Function
3 - Conductor	RED	POWER + / SIG +
3 - Conductor	BLACK	POWER - / SIG -
3 - Conductor	GREEN	GROUND
6 - Conductor	ORANGE	Rcal +
6 - Conductor	BLUE	Rcal -

ZERO AND SPAN ADJUSTS ARE PROTECTED BY SEAL SCREWS

VIEW A-A

VIEW A-A

3 CONDUCTOR SHOWN

NOTES:
1. ALL DIMENSIONS ARE INCHES [MILLIMETERS]
2. EXPOSED SURFACES ARE STAINLESS STEEL.

TOLERANCES UNLESS OTHERWISE SPECIFIED:
1. 2 PLACE DECIMAL ± .01
3 PLACE DECIMAL ± .005
2. FRACTIONS ± 1/32
3. DRILLS: < 0.5 DIA ± .005, > 0.5 DIA ± .008
4. ANGLES ± 0.5°
5. FILLETS R .005 MAX
6. BOSSES R .005 OR CHAMFER MAX.
7. PAINT TO .001 FROM OF SURFACE
8. ALL DIMENSIONS ARE IN INCHES.

MODEL NO.	SPX-GEN2
	DO NOT SCALE DRAWING
MATERIAL	

TITLE: SPX-GEN2 OUTLINE
MODELS 2242, 5342
RIGID,FLEX & TPT VERSION

DRAWN	DRG	DATE	11/29/10
CHECKED		DATE	
APPROVED	MJL	DATE	01/31/11
FINISH			

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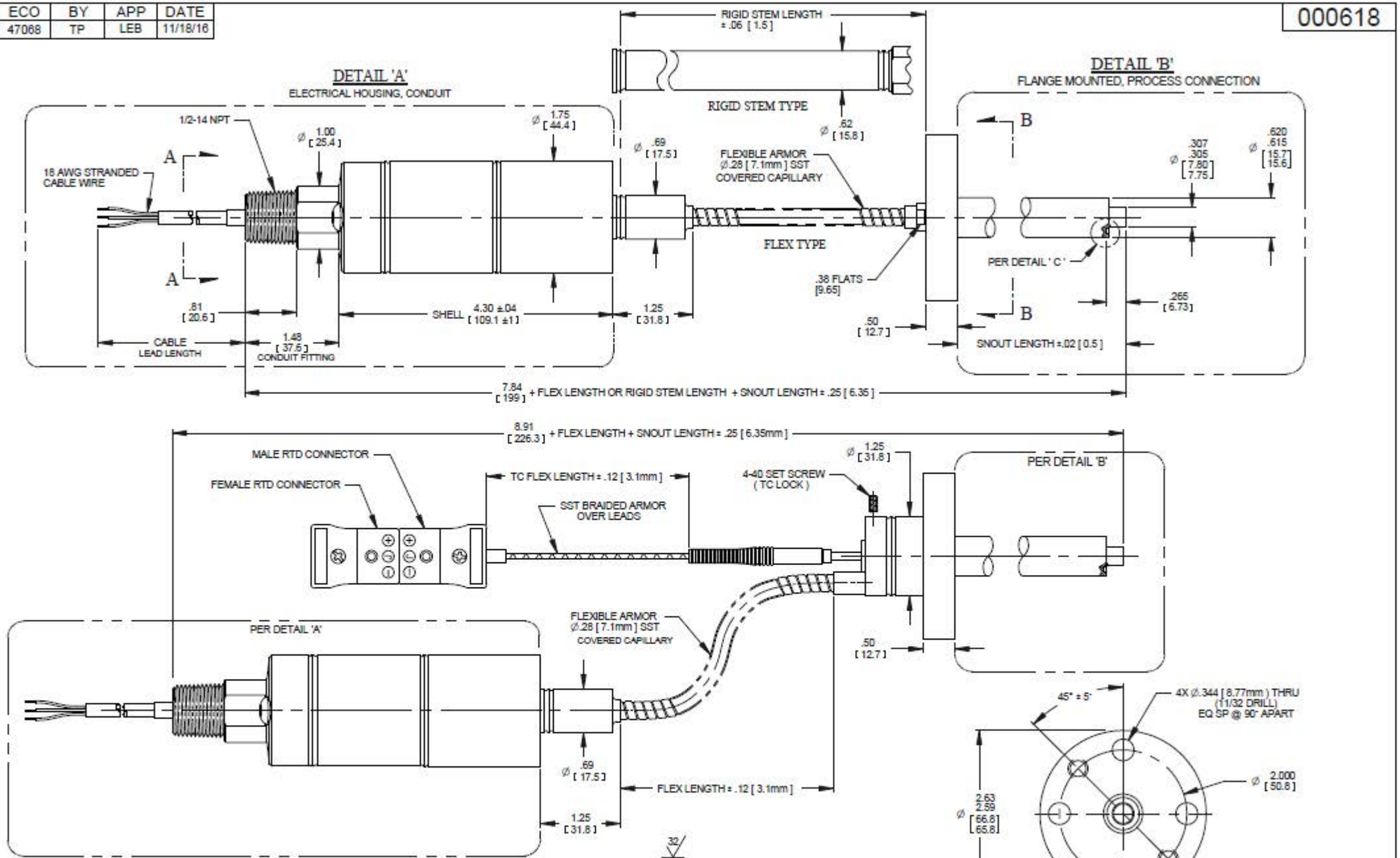
Dynisco

SIZE	DWG. NO.	REV
C	000616	C

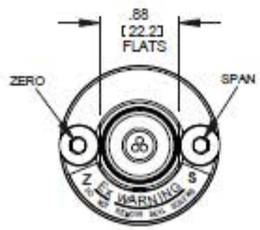
SCALE: NONE SHEET 1 OF 1

REV	ECO	BY	APP	DATE
C	47068	TP	LEB	11/18/16

000618

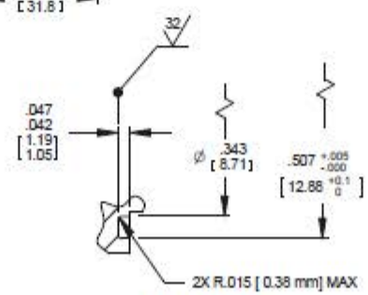


Cable Wiring			
		Color	Function
3 - Conductor	5 - Conductor	RED	POWER + / SIG +
		BLACK	POWER - / SIG -
		GREEN	GROUND
		ORANGE	Real +
		BLUE	Real -



VIEW A-A

3 CONDUCTOR SHOWN



DETAIL 'C'

GROOVE FOR 1/2 NOM O.D. VENTED METAL O-RING

NOTES:

1. ALL DIMENSIONS ARE INCHES [MILLIMETERS]
2. EXPOSED SURFACES ARE STAINLESS STEEL.

TOLERANCES UNLESS OTHERWISE SPECIFIED:
1. 2 PLACE DECIMAL ± .01
2. 3 PLACE DECIMAL ± .005
3. FRACTIONS ± 1/32
4. DRILLS + 0.5 DIA + .005 -.002 + 0.5 DIA + .008 -.003
5. ANGLES ± 0.5°
6. FILLETS R .005 MAX
7. BOSSES R .005 OR CHAMFER MAX
8. PART TO BE FREE OF BURRS
9. ALL DIMENSIONS ARE IN INCHES

MODEL NO. SPX-GEN2

DO NOT SCALE DRAWING

MATERIAL

TITLE

SPX-GEN2 OUTLINE
MODELS 2243, 5343
FLEX,RIGID & TPT VERSIONS

DRAWN	DRG	DATE	11/29/10
CHECKED		DATE	
APPROVED	MJL	DATE	01/31/11
FINISH			

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Dynisco

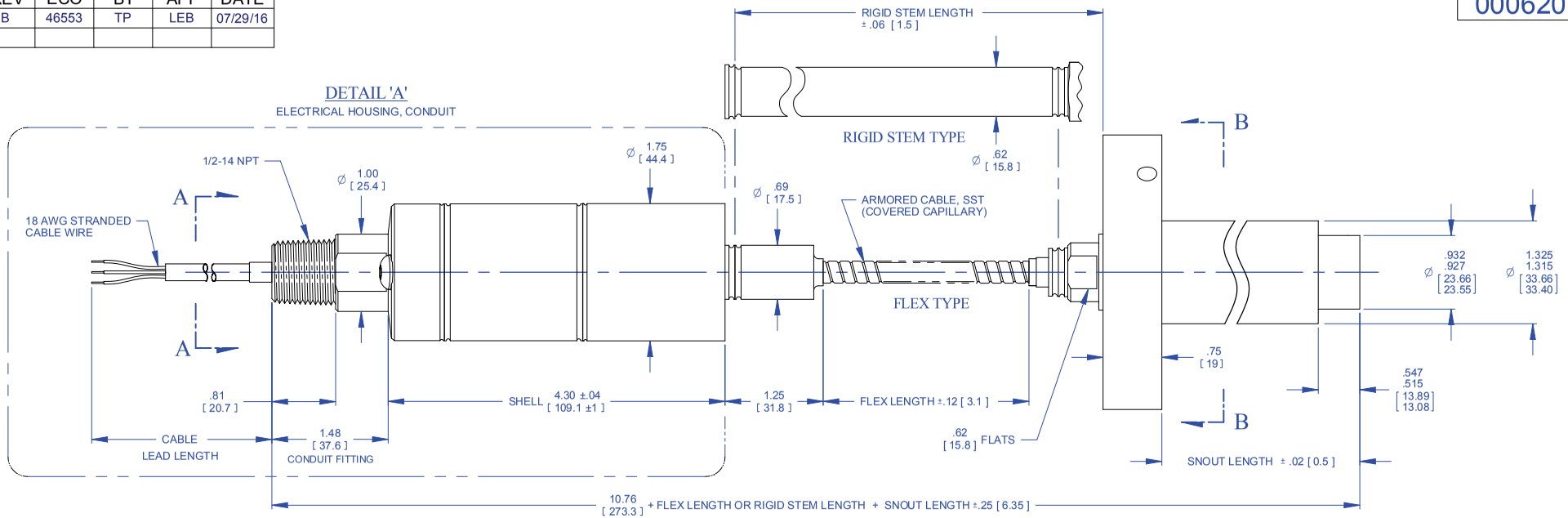
FORGE PARKWAY, PRAGUE, N. MA

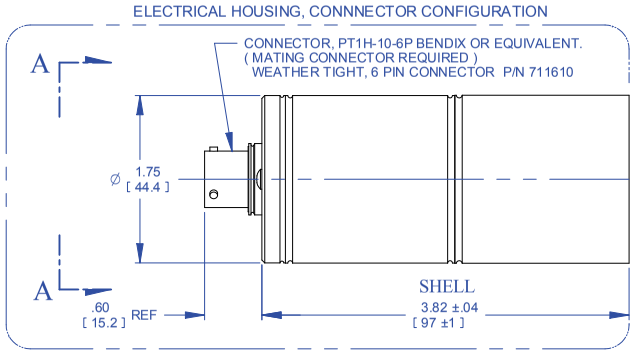
SIZE	DWG. NO.	REV
C	000618	C

SCALE: NONE SHEET 1 OF 1

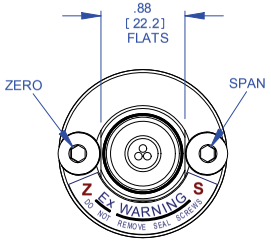
REV	ECO	BY	APP	DATE
B	46553	TP	LEB	07/29/16

000620



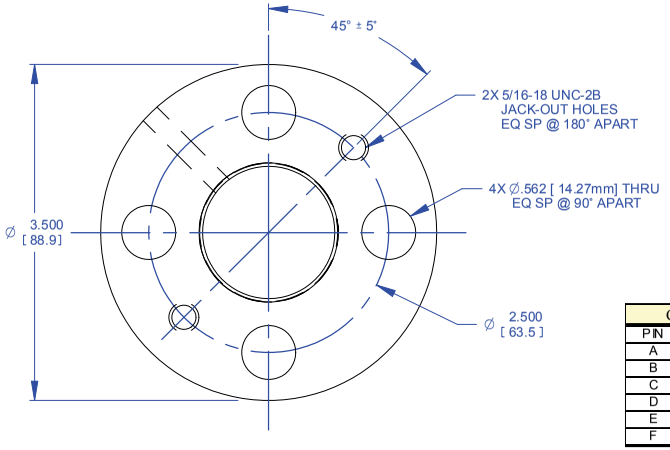


Cable Wiring			
		Color	Function
3 - Conductor	5 - Conductor	RED	POWER + / SIG +
		BLACK	POWER - / SIG -
		GREEN	GROUND
		ORANGE	Rcal +
		BLUE	Rcal -



VIEW A-A

3 CONDUCTOR SHOWN

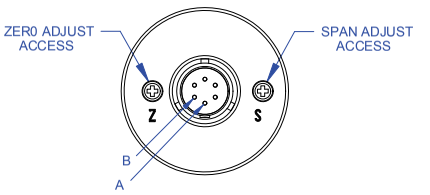


VIEW B-B

FLANGE

ZERO AND SPAN ADJUSTS ARE PROTECTED BY SEAL SCREWS

CONNECTOR WIRING	
PIN	FUNCTION
A	POWER + / SIGNAL +
B	POWER - / SIGNAL -
C	NO CONNECTION
D	
E	Rcal -
F	Rcal +



VIEW A-A

NOTES:

1. ALL DIMENSIONS ARE INCHES [MILLIMETERS]
2. EXPOSED SURFACES ARE STAINLESS STEEL.

TOLERANCES UNLESS OTHERWISE SPECIFIED:
1. 2 PLACE DECIMAL ± .01
3 PLACE DECIMAL ± .005
2. FRACTIONS ± 1/32
3. DRILLS < 0.5 DIA +.005 -.002, > 0.5 DIA +.008 -.003
4. ANGLES ± 0.5°
5. FILLETS R.005 MAX
6. EDGES R.005 OR CHAMFER MAX
7. PART TO BE FREE OF BURRS
8. ALL DIMENSIONS ARE IN INCHES.

MODEL NO. SPX-GEN2

DO NOT SCALE DRAWING

MATERIAL

TITLE
SPX-GEN2 OUTLINE
MODELS 2244, 5344
FLEX & RIGID VERSIONS

DRAWN DRG DATE 11/29/10
CHECKED DATE
APPROVED MJL DATE 01/31/11
FINISH

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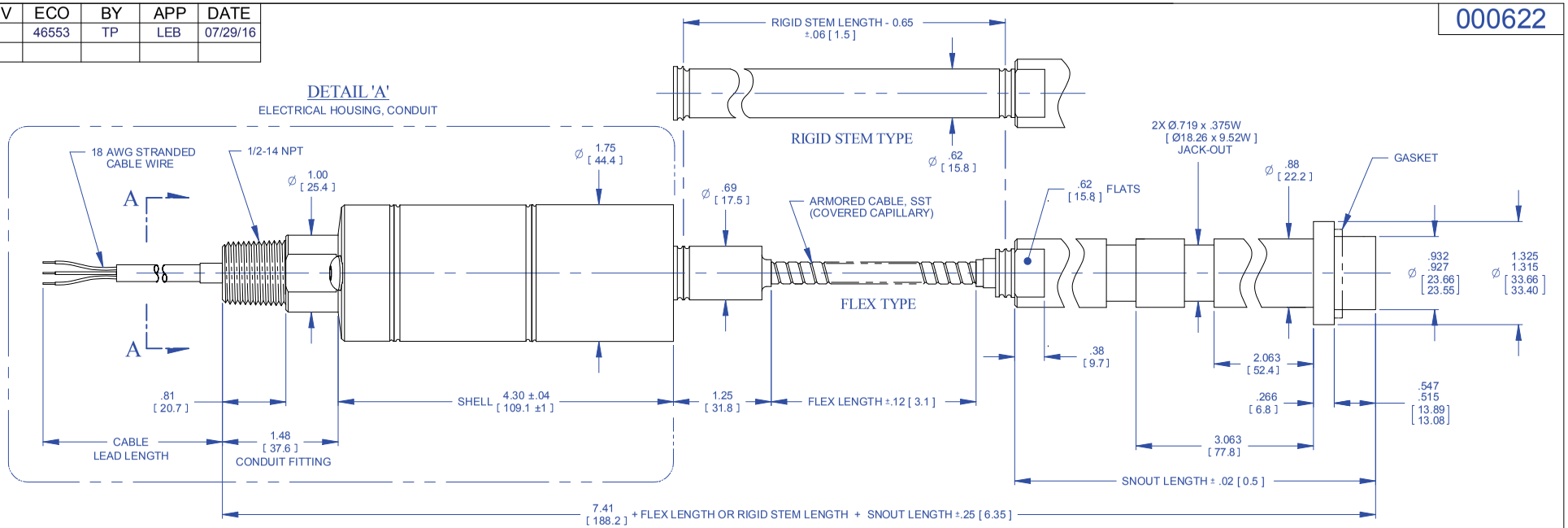
Dynisco
FORGE PARKWAY, FRANKLIN, MA

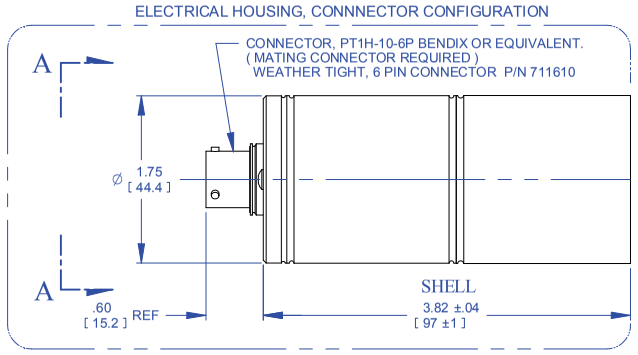
SIZE	DWG. NO.	REV
C	000620	B

SCALE: NONE SHEET 1 OF 1

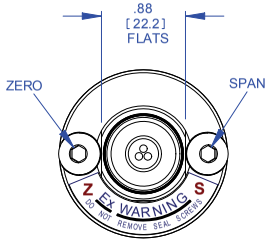
REV	ECO	BY	APP	DATE
B	46553	TP	LEB	07/29/16

000622





Cable Wiring		
	Color	Function
3 - Conductor		
5 - Conductor	RED	POWER + / SIG +
	BLACK	POWER - / SIG -
	GREEN	GROUND
	ORANGE	Rcal +
	BLUE	Rcal -

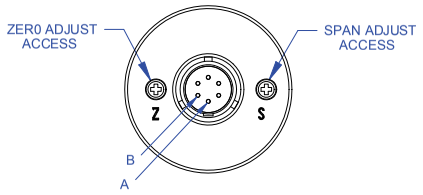


VIEW A-A

3 CONDUCTOR SHOWN

ZERO AND SPAN ADJUSTS ARE PROTECTED BY SEAL SCREWS

CONNECTOR WIRING	
PIN	FUNCTION
A	POWER + / SIGNAL +
B	POWER - / SIGNAL -
C	NO CONNECTION
D	
E	Rcal -
F	Rcal +



VIEW A-A

NOTES:

1. ALL DIMENSIONS ARE INCHES [MILLIMETERS]
2. EXPOSED SURFACES ARE STAINLESS STEEL.

TOLERANCES UNLESS OTHERWISE SPECIFIED:
1. 2 PLACE DECIMAL ± .01
3 PLACE DECIMAL ± .005
2. FRACTIONS ± 1/32
3. DRILLS < 0.5 DIA + .005 - .002, > 0.5 DIA + .008 - .003
4. ANGLES ± 0.5°
5. FILLETS R .005 MAX
6. EDGES R .005 OR CHAMFER MAX
7. PART TO BE FREE OF BURRS
8. ALL DIMENSIONS ARE IN INCHES.

MODEL NO. SPX-GEN2

DO NOT SCALE DRAWING

MATERIAL

TITLE
SPX-GEN2 OUTLINE
MODELS 2290, 5390
FLEX & RIGID VERSIONS

DRAWN	DRG	DATE	12/08/10
CHECKED		DATE	
APPROVED	MJL	DATE	01/31/11
FINISH			

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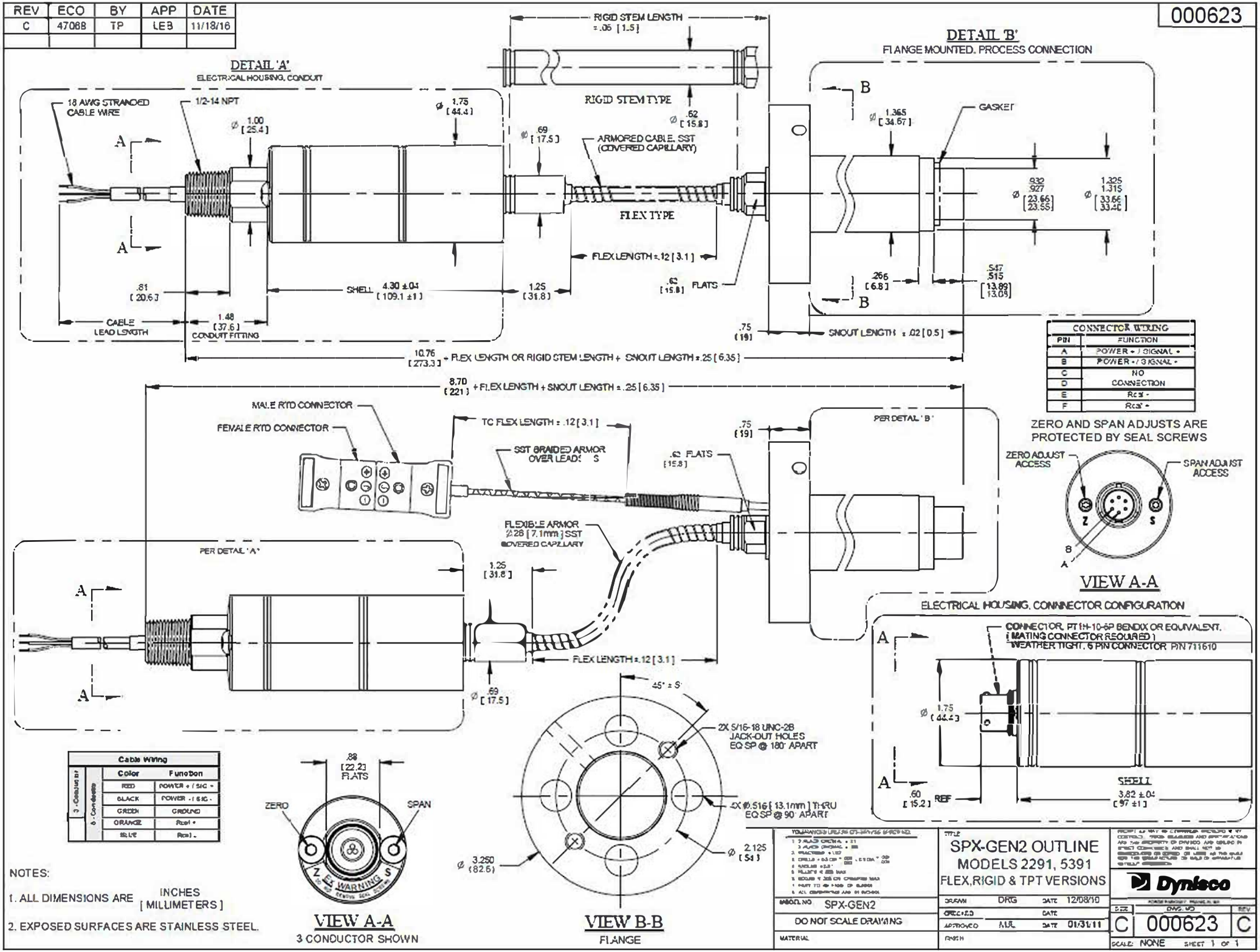
Dynisco
FORGE PARKWAY, FRANKLIN, MA

SIZE	DWG. NO.	REV
C	000622	B

SCALE: NONE SHEET 1 OF 1

REV	ECO	BY	APP	DATE
C	47088	TP	LEB	11/18/16

000623



CONNECTOR WIRING	
PIN	FUNCTION
A	POWER + / SIGNAL +
B	POWER + / SIGNAL -
C	NO CONNECTION
D	
E	RCal -
F	RCal +

Cable Wiring		
	Color	Function
3 - Conductor	RED	POWER + / SIG +
	BLACK	POWER - / SIG -
6 - Conductor	GREEN	GROUND
	ORANGE	RCal +
	BLUE	RCal -

NOTES:

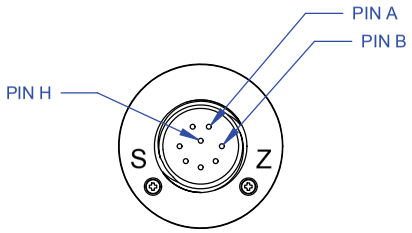
1. ALL DIMENSIONS ARE INCHES [MILLIMETERS]
2. EXPOSED SURFACES ARE STAINLESS STEEL.

TITLE	SPX-GEN2 OUTLINE MODELS 2291, 5391 FLEX,RIGID & TPT VERSIONS
DRAWN	DRG DATE 12/08/10
CHECKED	DATE
APPROVED	MJL DATE 01/31/11
MATERIAL	FINISH
MODEL NO	SPX-GEN2
	DO NOT SCALE DRAWING
SIZE	DWG. NO 000623 REV C
SCALE: NONE	SHEET 1 OF 1

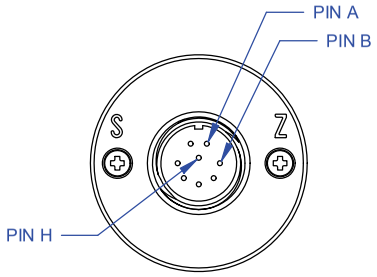
Dynisco

REV	ECO	BY	APP	DATE	
A	46553	TP	LEB	07/29/16	R

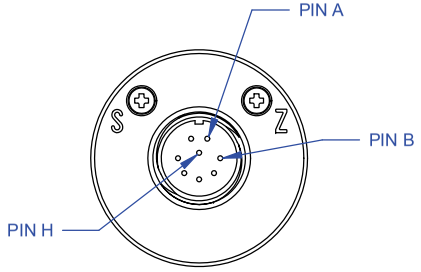
000652



8 - PIN PC
O-RING WITH PUSH BUTTONS
PCIH-12-8P



8 - PIN PC
WELDED WITH PUSH BUTTONS
PCIH-12-8P



8 - PIN PC
WELDED WITH HALLS
PCIH-12-8P

GUARDIAN CONNECTOR WIRING	
PIN	FUNCTION
A	POWER +
B	SIGNAL -
C	POWER -
D	NO CONNECTION
E	Rcal -
F	Rcal +
G	RELAY CONTACT
H	RELAY CONTACT

NOTE:
1. THESE CONNECTOR OPTIONS ARE AVAILABLE ON MOST OF THE CONFIGURATIONS SHOWN ON THE PREVIOUS SHEETS.

TOLERANCES UNLESS OTHERWISE SPECIFIED;
1. 2 PLACE DECIMAL ± .01
3 PLACE DECIMAL ± .005
2. FRACTIONS ± 1/32
3. DRILLS < 0.5 DIA $^{+.005}_{-.002}$ > 0.5 DIA $^{+.008}_{-.003}$
4. ANGLES ± 0.5°
5. FILLETS R .005 MAX
6. EDGES R .005 OR CHAMFER MAX
7. PART TO BE FREE OF BURRS
8. ALL DIMENSIONS ARE IN INCHES.

MODEL NO. X

DO NOT SCALE DRAWING

MATERIAL X

TITLE
GUARDIAN SERIES CONNECTORS

DRAWN	TP	DATE	7/27/16
CHECKED		DATE	
APPROVED	LEB	DATE	7/27/16
FINISH	63		

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Dynisco Instruments
FORGE PARKWAY, FRANKLIN MA

SIZE	DWG. NO.	REV
B	000652	A

SCALE NONE SHEET 1 OF 1

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PN: DSSPX5SERIES
REV: 1116
ECO: 47068

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