Certificate of Compliance

Certificate: 2032612 **Master Contract:** 224264

Project: 80181991 **Date Issued:** April 22, 2025

Issued To: **Hydac Electronic GmbH**
Hauptstrasse 27
Saarbruecken, Saarland, 66128
Germany

Attention: Mr. Uwe Glaub

The products listed below are eligible to bear the CSA Mark shown

C US

US

Issued by:

Rupesh Kale

PRODUCTS

CLASS - C225802 - PROCESS CONTROL EQUIPMENT For Hazardous Locations
CLASS - C225882 - PROCESS CONTROL EQUIPMENT For Hazardous Locations - Certified to US Standards

Class I, Groups A, B, C and D T6 resp. T5 resp. T4A; Class II, Groups E, F and G T110°C resp. T120 °C resp. T130 °C; Class III; Type 4
Class I, Zone 1 AEx db IIC T6 resp. T5 resp. T4A Gb;
Zone 21 AEx tb IIIC T110°C resp. T120 °C resp. T130 °C Db
Ex db IIC T6 resp. T5 resp. T4A Gb; Ex tb IIIC T110°C resp. T120 °C resp. T130 °C Db

- **Pressure Transducer - Standard** **HDA 4abc-d-eeee(e)-fg-hhh(psi)iiij**

a = accuracy	4 or 7 or 8
b = mechanical connection (pressure port)	any alphanumeric character (not critical to certification)
c = electrical connection	9 or G or J (not approved for tb) or Q (not approved for Group A, db and tb) or W or U
d = signal	any alphabetic character

e = pressure range	4 digits for range in bar or psi 5 digits for range in psi > 9999
f = approval	D or E (not approved for db and tb)
g = gauge type	any alphabetic character (not for f = E)
h = modification number	alphanumeric value
(psi)	(psi) for psi-version or "" for bar-version
I = length of cable	numeric value
j = cable length definition	Inch or " or cm or m
bar-version	iiij in brackets

<u>Technical data:</u>

Rated Supply Voltage	30 Vdc
Output Signal	0..10 V or 0..20 mA or 4..20 mA
or	
Rated Supply voltage	6 Vdc
Output Signal	10-90% ratiometric
Rated Input Current	25 mA
Maximum working pressure	37 to 30000 psi (0.26 MPa to 206.8 MPa)
Temperature	temperature code T6, T110°C:-40°C…+60°C T120°C :-40°C…+70°C temperature code T5, T130°C:-40°C…+80°C

- **Pressure Transducer – with front flash membrane HDA 4aZc-d-eeee(e)-kkk-fg-hhh(psi)iiij**

a = accuracy	4 or 7 or 8
Z = pressure port	front flush membrane
c = electrical connection	9 or G or J (not approved for tb) or Q (not approved for Group A, db and tb) or W or U
d = signal	any alphabetic character
e = pressure range	4 digits for range in bar or psi 5 digits for range in psi > 9999
f = approval	D or E (not approved for db and tb)
g = gauge type	any alphabetic character (not for f = E)
h = modification number	alphanumeric value
(psi)	(psi) for psi-version or "" for bar-version
i = length of cable	numeric value
j = cable length definition	inch or " or cm or m
k = front flash	alphanumeric value
bar-version	iiij in brackets

<u>Technical data:</u>

Rated Supply Voltage	30 Vdc
Output Signal	0..10 V or 0..20 mA or 4..20 mA
or	
Rated Supply voltage	6 Vdc
Output Signal	10-90% ratiometric
Rated Input Current	25 mA
Maximum working pressure	37 to 15000 psi (0.26 MPa to 103.4 MPa)
Temperature	temperature code T6, T110°C : -40°C…+60°C T120°C : -40°C…+70°C

	temperature code T5, T130°C: -40°C…+80°C

- **Pressure Transducer – HART** **HDA 4abc-F21-eeee(e)-fg-hhh(iiij) Standard**
  HDA 4abc-F21-eeee(e)-T-III-fg-hhh(iiij) with Temp. Measurem.
  HDA 4aZc-F21-eeee(e)-kkk-fg-hhh(iiij) with front flush membr.

a = accuracy	4 or 7 or 8
b = mechanical connection (pressure port)	any alphanumeric character (not critical to certification)
c = electrical connection	9 or G or J (not approved for tb) or Q (not approved for Group A, db and tb) or W or U
F21 = signal	4..20 mA (with HART Interface)
e = pressure range	4 digits for range in bar or 5 digits for range in psi
f = approval	D
g = gauge type	any alphabetic character
h = modification number	alphanumeric value
i = length of cable	numeric value
j = cable length definition	inch or " or cm or m
Z = pressure port	front flush membrane
k = pressure port	3 digits alphanumeric
T = Temperature measurement	digital with HART Interface
III = probe length	in mm, standard = 007

<u>Technical data:</u>

Rated Supply Voltage	30 Vdc
Output Signal	4..20 mA
Rated Input Current	25 mA
Maximum working pressure	HDA 4abc-F21-eeee(e)-fg…30000 psi (206.8 MPa) HDA 4aZc-F21-eeee(e)-kkk-fg…30000 psi (206.8 MPa) HDA 4abc-F21-eeee(e)-T-III-fg…10007.6 psi (69.0 MPa)
Temperature	temperature code T6, T110°C: -40°C…+60°C temperature code T5, T120°C: -40°C…+70°C

- **Pressure Switch – Standard "approval E - CSA" EDS 410-aaaa-b-f-ccc(psi)ddde**

a = pressure range	numeric value
b = number of switching outputs	1
f = approval	E (not approved for db and tb)
c = modification number	alphanumeric value
(psi)	(psi) for psi-version or "" for bar-version
d = length of cable	numeric value
e = cable length definition	inch or " or cm or m
bar-version	ddde in brackets

<u>Technical data:</u>

Rated Supply Voltage	30 Vdc
Output Signal	e = 1: 1.2A max
Rated Input Current	1.3 A
Maximum working pressure	100 to 30000 psi (0.69 MPa to 206.8 MPa)
Temperature	temperature code T6: -40°C…+60°C temperature code T5: -40°C…+80°C

- **Pressure Switch – Standard** **EDS 4abc-dddd(d)-ef-gh-iiii(psi)kkkl**

a = accuracy	4 or 7
b = mechanical connection (pressure port)	any alphanumeric character (not critical to certification)
c = electrical connection	9 or G or J (not approved for tb) or Q (not approved for Group A, db and tb) or W or U
d = pressure range	4 digits for range in bar or psi 5 digits for range in psi > 9999
e = number of switching outputs	1 or 2
f = output type	F or P
g = approval	D
h = gauge type	any alphabetic character
i = modification number	alphanumeric value
(psi)	(psi) for psi-version or "" for bar-version
k = length of cable	numeric value
l = cable length definition	inch or " or cm or m
bar-version	kkkl in brackets

Technical data:

Rated Supply Voltage	30 Vdc
Output Signal	e = 1: 1,2A max e = 2: 0,6A max per output
Rated Input Current	1.3 A
Maximum working pressure	37 to 30000 psi (0.26 MPa to 206.8 MPa)
Temperature	temperature code T6, T110°C: -40°C…+60°C T120°C : -40°C…+70°C temperature code T5, T130°C: -40°C…+80°C

or

Rated Supply Voltage	30 Vdc
Output Signal	2: 1.2A max per Output
Rated Input Current	2.5 A
Maximum working pressure	37 to 30000 psi (0.26 MPa to 206.8 MPa)
Temperature	temperature code T110°C: -40°C…+60°C T120°C : -40°C…+70°C temperature code T4A, T130°C: -40°C…+80°C

- **Temperature Transducer – Standard** **ETS 45ab-c-d-eee-fff(gggh)**

a = mechanical connection	any alphanumeric character (not critical to certification)
b = electrical connection	9 or G or J (not approved for tb) or Q (not approved for Group A, db and tb) or W or U
c = signal	any alphabetic character
d = approval	D
e = probe length	numeric value in mm [max 500]
f = modification number	alphanumeric value
g = length of cable	numeric value
h = cable length definition	inch or " or cm or m

Technical data:

Rated Supply Voltage	30 Vdc
Output Signal	0..10 V, 4..20 mA
Rated Input Current	25 mA

Maximum working pressure	short probe sensor	8702 psi (60.0 MPa)
	long probe sensor	1813 psi (12.5 MPa)
Temperature	temperature code T6, T110°C:	-40°C…+60°C
	T120°C :	-40°C…+70°C
	temperature code T5, T130°C:	-40°C…+80°C

- **Temperature Transducer – HART** **ETS 4abc-F21-kkk-f-hhh(iiij)** **Standard**
  ETS 4abc-F21-kkk-P-eeee(e)-fg-hhh(iiij)with Press. Measurem.

a = accuracy	1 or 5
b = mechanical connection	any alphanumeric character (not critical to certification)
c = electrical connection	9 or G or J (not approved for tb) or Q (not approved for Group A, db and tb) or W or U
F21	4..20 mA Signal (with HART Interface)
e = pressure range	4 digits for range in bar and 5 digits for range in psi
k = probe length	in mm [max 500]
f = approval	D
g = gauge type	any alphabetic character
h = modification number	alphanumeric value
i = length of cable	numeric value
j = cable length definition	inch or " or cm or m
P = Pressure measurement option	digital with HART Interface

Technical data:

Rated Supply Voltage	30 Vdc	
Output Signal	4..20 mA	
Rated Input Current	25 mA	
Maximum working pressure		
	ETS 4abc-F21-kkk-f-hhh(iiij) short probe sensor	8702 psi (60.0 MPa)
	ETS 4abc-F21-kkk-f-hhh(iiij) long probe sensor	1813 psi (12.5 MPa)
	ETS 4abc-F21-kkk-P-eeeee-fg-hhh(iiij)	8702 psi (60.0 MPa)
Temperature	temperature code T6, T110°C:	-40°C…+60°C
	temperature code T5, T120°C:	-40°C…+70°C

- **Flow Rate Transmitter - HART** **HFT 31bc-F21-eeee-S-X-f-hhh(iiij)**

b = process connection	any alphanumeric character (not critical to certification)
c = electrical connection	9 or G or J (not approved for tb) or Q (not approved for Group A, db and tb) or W or U
F21	4..20 mA Signal (with HART Interface)
e = measuring range	4 digits for range l/min
S = housing material	Stainless Steel
X = housing version	
f = approval	D
h = modification number	alphanumeric value
i = length of cable	numeric value
j = cable length definition	inch or " or cm or m

Technical data:

Rated Supply Voltage	30 Vdc
Output Signal	4..20 mA
Rated Input Current	25 mA

Maximum working pressure	6090 psi (42.0 MPa)
Temperature	temperature code T6, T110°C: -40°C…+60°C
	temperature code T5, T120°C: -40°C…+70°C

- **Bladder Integrity Sensor - HART** **BIS 1abc-F21-eeee(e)-fg-hhh(iiij)**

a = signal / bladder status	alphanumeric value (not critical for certification)
b = mechanical connection	2 = G1/2 DINA 3852 male
c = electrical connection	9 or G or J (not approved for tb) or Q (not approved for Group A, db and tb) or W or U
F21	4..20 mA Signal (with HART Interface)
e = measuring range	4 digits for range in bar and 5 digits for range in psi
f = approval	D or A
g = gauge type	any alphabetic character
h = modification number	alphanumeric value
i = length of cable	numeric value
j = cable length definition	inch or " or cm or m

Technical data:

Output Signal	4..20 mA output
Rated Supply Voltage	30 Vdc
Rated Input Current	25 mA
Maximum working pressure	10007.6 psi (69.0 MPa)
Temperature	temperature code T6, T110°C: -40°C…+60°C
	temperature code T5, T120°C: -40°C…+70°C

- **Difference Pressure Transmitter - Standard** **HPT 50c-d-eeee-S-f-hhh(psi)iiij**

c = electrical connection	9 or G or J (not approved for tb) or Q (not approved for Group A, db and tb) or W or U
d = signal	any alphabetic character
e = measuring range	numeric value
S = housing material	Stainless Steel
f = approval	D
h = modification number	alphanumeric value
(psi)	(psi) for psi-version or "" for bar-version
i = length of cable	numeric value
j = cable length definition	inch or " or cm or m
bar-version	iiij in brackets

Technical data:

Rated Supply Voltage	30 Vdc
Output Signal	0..10 V or 0..20 mA
or	
Rated Supply voltage	6 Vdc
Output Signal	10-90% ratiometric
Rated Input Current	25 mA
Maximum working pressure	6090 psi (42.0 MPa)
Temperature	temperature code T6, T110°C: -40°C…+60°C
	T120°C : -40°C…+70°C
	temperature code T5, T130°C: -40°C…+80°C

- **Difference Pressure Switch - Standard** **HPS 50c-pppp-ef-S-g-hhh(psi)iiij**

c = electrical connection	9 or G or J (not approved for tb) or Q (not approved for Group A, db and tb) or W or U
p = measuring range	numeric value
e = number of switching outputs	1 or 2
f = set point type	F= Fix or P= programmable
S = housing material	Stainless Steel
g = approval	D
h = modification number	alphanumeric value
(psi)	(psi) for psi-version or "" for bar-version
i = length of cable	numeric value
j = cable length definition	inch or " or cm or m
bar-version	iiij in brackets

<u>Technical data:</u>

Rated Supply Voltage	30 Vdc
Output Signal	e = 1: 1.2A max e = 2: 0.6A max per output
Rated Input Current	1.3 A
Maximum working pressure	6090 psi (42.0 MPa)
Temperature	temperature code T6, T110°C: -40°C…+60°C T120°C : -40°C…+70°C temperature code T5, T130°C: -40°C…+80°C

Additional explanation to the type code of all models:

Electrical connection

9	=	1/2-14 NPT Conduit (male), Single leads
G	=	1/2-14 NPT Conduit (male), jacketed cable
J	=	Connection head, Aluminium
Q	=	Connection head, stainless Steel
W	=	M20x1.5 Conduit (male) [Draw.no: 4261296; long version], Single Leads
U	=	M20x1.5 Conduit (male) [Draw.no: 4261296; long version], jacketed cable
0	=	Special type of connection (not part of CSA Certification): M20x1.5 Conduit (male) [Drawing no.: 3654343; short version]

Mechanical connection

1	=	G1/2 B DIN EN 837, male
2	=	G1/2 DIN 3852, male
3	=	M14x1,5 DIN 3852, male
4	=	G1/4 A DIN 3852, male
5	=	7/16-20 UNF 2B (SAE4), female
6	=	7/16-20 UNF 2A (SAE4), male
7	=	9/16-18 UNF 2A (SAE6), male
8	=	1/4-18 NPT, male
9	=	G1/4 DIN 3852 female
A	=	9/16-18 UNF 2B (SAE6), female
B	=	F250C, Autoclave(9/16-18 UNF2B, female)
C	=	SF250CX20, Autoclave (7/16-20 UNF 2B female)

D	=	1/8-27 NPT male
E	=	M10x1 DIN 3852, male
F	=	1/4-18 NPT, female
G	=	G1/4 B DIN EN 837, male
H	=	3/4-16 UNF 2A (SAE8), male
J	=	G3/4 A DIN 3852 male
K	=	1/4-18 NPTF, male
L	=	1/4-18 NPTF, female
M	=	M12x1.5 DIN 3852 male
N	=	M20x1 without seal
P	=	AM12S38 DIN 3852 male
R	=	M14x1.5 - ISO6149-2 male
S	=	M18x1.5 male
T	=	G1/8 DIN 3852, male
U	=	G3/8 DIN 3852, male
V	=	SF375CX20, Autoclave (9/16-18 UNF 2B female)
W	=	1/2-14 NPT male
Y	=	G1/2 HN 28-22 male
Z	=	flush mount process connection

I, O and Q are open for different common threads
Other threads as modification.

Standard signals

A	=	4…20mA	(2-wire)
B	=	max. range 0…10V	(3-wire)
C	=	4…20 mA	(3-wire , current source)
E	=	0…20mA	(3-wire , current source)
G	=	max. range 0…6V	(3-wire)
R	=	10%...90% Ub	(3-wire)
F21	=	4…20mA with HART Interface	

Conditions of Acceptability:

The products are required to be supplied only by certified power supply providing reinforced or double insulation for protection against electric shock with output voltages below the limits of 6.3.1 of 61010-1 or 30 V r.m.s. and 42.4 V peak or 60 V d.c and limited energy circuit according to 9.4 (LPS or Class2).

The equipment was not evaluated to flammable/explosive fluids or liquids.

Equipment is only to be installed by trained personal in accordance to the installation, set-up, operation and maintenance of comparable devices and certified as being capable of such work.

The equipment which is not direct installed to a junction box shall be connected to a conduit installation.

For BIS model: The BIS 1abc-F21-eeee(e)-fg-hhh(iiij) must not be energized when the bladder sensor is located in explosive atmosphere. The sensor can be located only in safe non-hazardous area. The bladder is not covered by this certification. The BIS model is certified as a component only and its final installation must be subjected to acceptance of local authority having jurisdiction.

Notes:
1. Basic model designation is followed by alpha/numeric suffixes denoting type code.
2. The devices must be grounded during installation.
3. The suitability of the grounding shall be subject to the acceptance of the Local Authority Having Jurisdiction.

APPLICABLE REQUIREMENTS

CSA Standard C22.2 No. 25-1966 *(Reaffirmed 2000)*	Enclosures for Use in Class II Groups E, F, and G Hazardous Locations
CSA Standard C22.2 No. 30-M1986 *(Reaffirmed 2003)*	Explosion-Proof Enclosures for Use in Class I Hazardous Locations
CAN/CSA-C22.2 No. 60079-0:19	Explosive atmospheres — Part 0: Equipment — General requirements
CAN/CSA-C22.2 No. 60079-1:16	Explosive atmospheres — Part 1: Equipment protection by flameproof enclosures “d”
CAN/CSA-C22.2 No. 60079-31:15	Explosive atmospheres — Part 31: Equipment dust ignition protection by enclosure "t"
CSA Standard C22.2 No. 94.2:20 *Dated October 15, 2020*	Enclosures for Electrical Equipment, Environmental Considerations
CAN/CSA-C22.2 No. 61010-1-12	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements
ANSI/UL Standard 50E *(Third Edition, October 15, 2020)*	Enclosures for Electrical Equipment, Environmental Considerations
ANSI/UL 61010-1 *(Third Edition July 19, 2019)*	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements
ANSI/UL 1203 *(Fourth Edition, September 2006)*	Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations
ANSI/UL 60079-0 *(7th Edition, April 15, 2020)*	Explosive atmospheres – Part 0: Equipment – General requirements
ANSI/UL 60079-1-2020 *(7th Edition, January 23, 2020)*	Explosive Atmospheres – Part 1: Equipment Protection by Flameproof Enclosures “d”
ANSI/UL 60079-31 *(Second Edition, June 12, 2015)*	Explosive Atmospheres – Part 31: Equipment Dust Ignition Protection by Enclosure “t”

MARKINGS

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

The products listed are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US (indicating that products have been manufactured to the requirements of both Canadian and U.S. Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only.

The following markings are provided on thermally printed silver polyester adhesive nameplates that are manufactured by qMik Industrie-Kennzeichnungen, GmbH, Type qM 442 or manufactured by 3M WROCLAW, Type 7872EC 3M TT2 PS PET50-350E/46-65DWG (Category PGJI2/PGJI8) (UL File: MH18072). The nameplates are applied to the outside of the devices' stainless steel enclosures.

The Markings may alternatively be laser engraved onto the stainless steel enclosures.

<u>All products</u>

- Manufacturer name: "Hydac Electronic, GmbH", "Hydac Electronic", "Hydac" or equivalent or CSA Master Contract Number "224264", adjacent to the CSA Mark in lieu of manufacturer name (Note: May be omitted on small labels);
- Certificate Number CSA 19.2032612X;
- Model number: as specified in the PRODUCTS section, above;
- Electrical ratings: as specified in the PRODUCTS section, above;
- Ambient temperature rating: as specified in the PRODUCTS section, above;
- Manufacturing date in MMYY format, or serial number, traceable to month of manufacture;
- Enclosure type: "Type 4 Enclosure", "Type 4" or equivalent;
- The CSA Mark with or without "C" and "US" indicators, as shown on the Certificate of Conformity;
- Hazardous Location designation: as specified in the PRODUCTS section, above (may be abbreviated);
- Temperature code: as specified in the PRODUCTS section, above;
- Maximum Working Pressure (MWP): as specified in the PRODUCTS section, above;
- Wiring connections: denotes wiring function by wire color or numbers, as appropriate.

<u>HDA-4000 and EDS-410 Approval E products</u>:

- Reference to Installation Instructions: "Install per 663203".

<u>HDA-4xxx and EDS-4xxx Approval D products with vents</u>

- Reference to Installation Instructions: "Install per 663931"; or HDA4xxx:
- Reference to Operating Instructions (includes Control Drawing: 663931): "Protection concept → Operating Instruction 669835".EDS 4xxx:

- Reference to Operating Instructions (includes Control Drawing: 663931): “Protection concept → Operating Instruction 669837”.

ETS-45xx products:

- Reference to Installation Instructions: “Install per 663928”; or
  Reference to Operating Instructions (includes Control Drawing: 663928): “Protection concept → Operating Instruction 669836”.

HDA4_ETS4_HFT3_F21/ HART models:

- Reference to Installation Instructions: “Install per 663929”; or
- HDA 4 : Reference to Operating Instructions (includes Control Drawing: 663929): “Protection concept → Operating Instruction 669964”.
- ETS 4: Reference to Operating Instructions (includes Control Drawing: 663929): “Protection concept → Operating Instruction 669907”.
- HFT 3: Reference to Operating Instructions (includes Control Drawing: 663929): “Protection concept → Operating Instruction 669908”.

BIS F21 model:

- Reference to Installation Instructions: “Install per 663930”; or
- Reference to Operating Instructions (includes Control Drawing: 663930): “Protection concept → Operating Instruction 669906”.

HPT_HPS model:

- Reference to Installation Instructions: “Install per 663932”; or
- Reference to Operating Instructions (includes Control Drawing: 663932): “Protection concept → Operating Instruction 669994”.

Products certified under Class(es) C225802 have been certified under CSA’s ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). www.scc.ca

Supplement to Certificate of Compliance

Certificate: 2032612 **Master Contract:** 224264

The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.

Product Certification History

Project	Date	Description
80181991	2025-04-22	Update to Report 2032612: 1. Correction of non-conformance of products with new instruction manual found in Factory Inspection Report FIR dated 24.03.2023. 2. Replacing the supplier for the already approved label material 3. Standards update from CSA Standard C22.2 No. 94.2-07 (First Edition - September 2007) and ANSI/UL Standard 50E (First Edition, September 2007) to CSA C22.2 No. 94.2:20 and UL 50E, Third Edition, Dated October 15, 2020. 4. Remove CSA Standard C22.2 No. 94.1-07 and ANSI/UL Standard 50
70194250	2019-07-18	Update to Report 2032612 to include models HPT500 and HPS 500 and to add the zones marking based on IECEx.
70129009	2017-05-24	Update to Report 2032612 covers the addition of W2/W6 pressure cells.
70028515	2015-07-21	Update to Report 2032612 to add new models and modify the maximum working pressure for models HAD 4.
2692516	2014-12-18	Update to Report 2032612 to incorporate minor changes with testing.
2596125	2013-04-09	Update to Report 2032612 to incorporate changes that were submitted for IECEx and ATEX.
2386604	2011-01-10	Update to Report 2032612 to cover minor revisions to weld junctions on enclosure; replacement of drawings with latest revision and use of alternate wire supplier.
2330578	2010-07-23	Update to Report 2032612 to add wire types to description of HDA-4xxx, EDS-4xxx and ETS-45xx product models.
2285464	2010-06-18	Update to Report 2032612 to add new ETS-45xx temperature transducer models.
2276373	2010-05-13	Update to Report 2032612 to add new models of HDA-4xxx Pressure Transducer and EDS-4xxx Pressure Switch with 90-degree and 180-degree vents in the sensor body.

2230756	2009-12-18	Update to Report 2032612 to include modified weld seam on 1/2" conduit.
2032612	2008-05-12	Re-issue of Report under MC 224264 (former Report 1826717, MC 201919)