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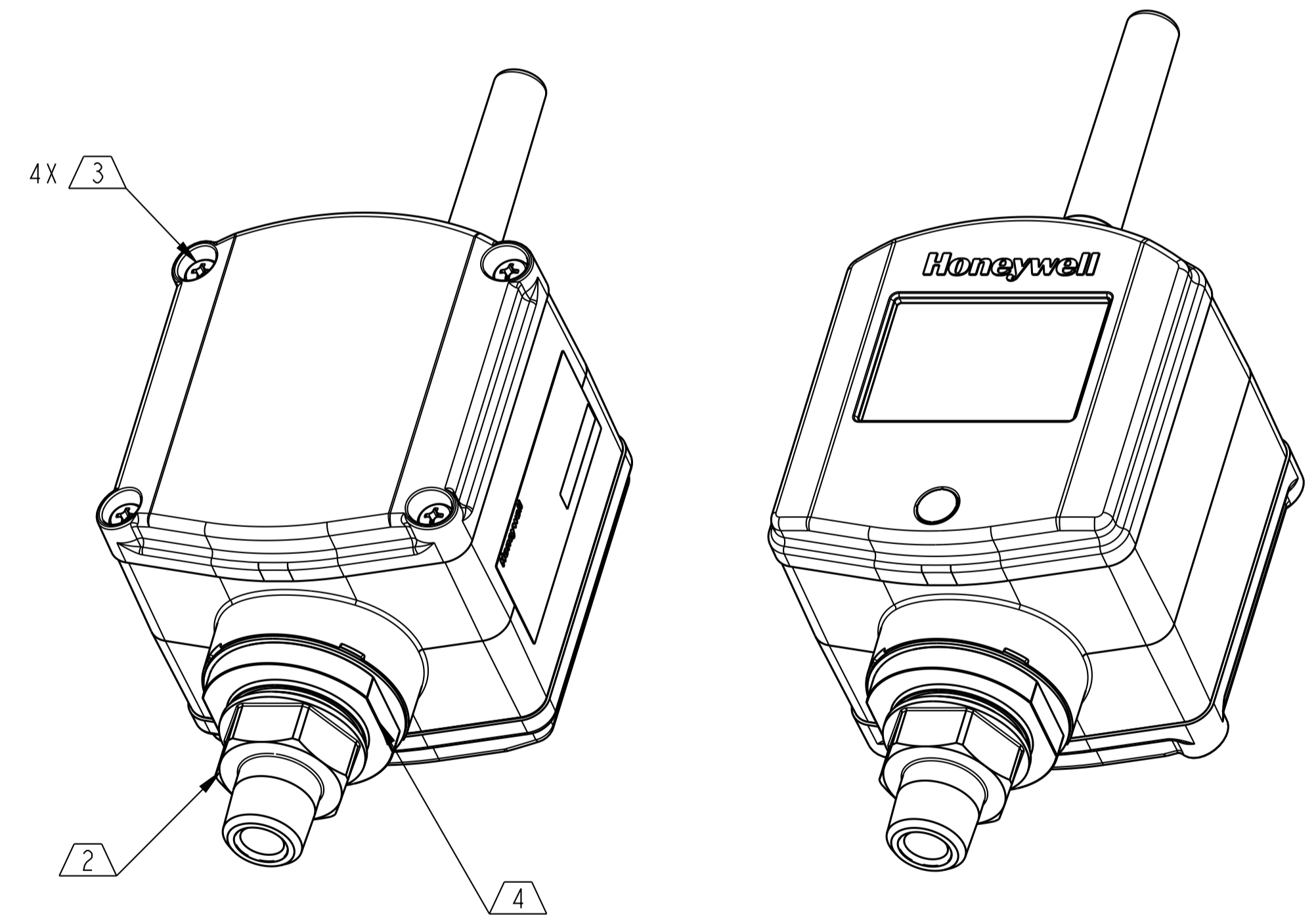
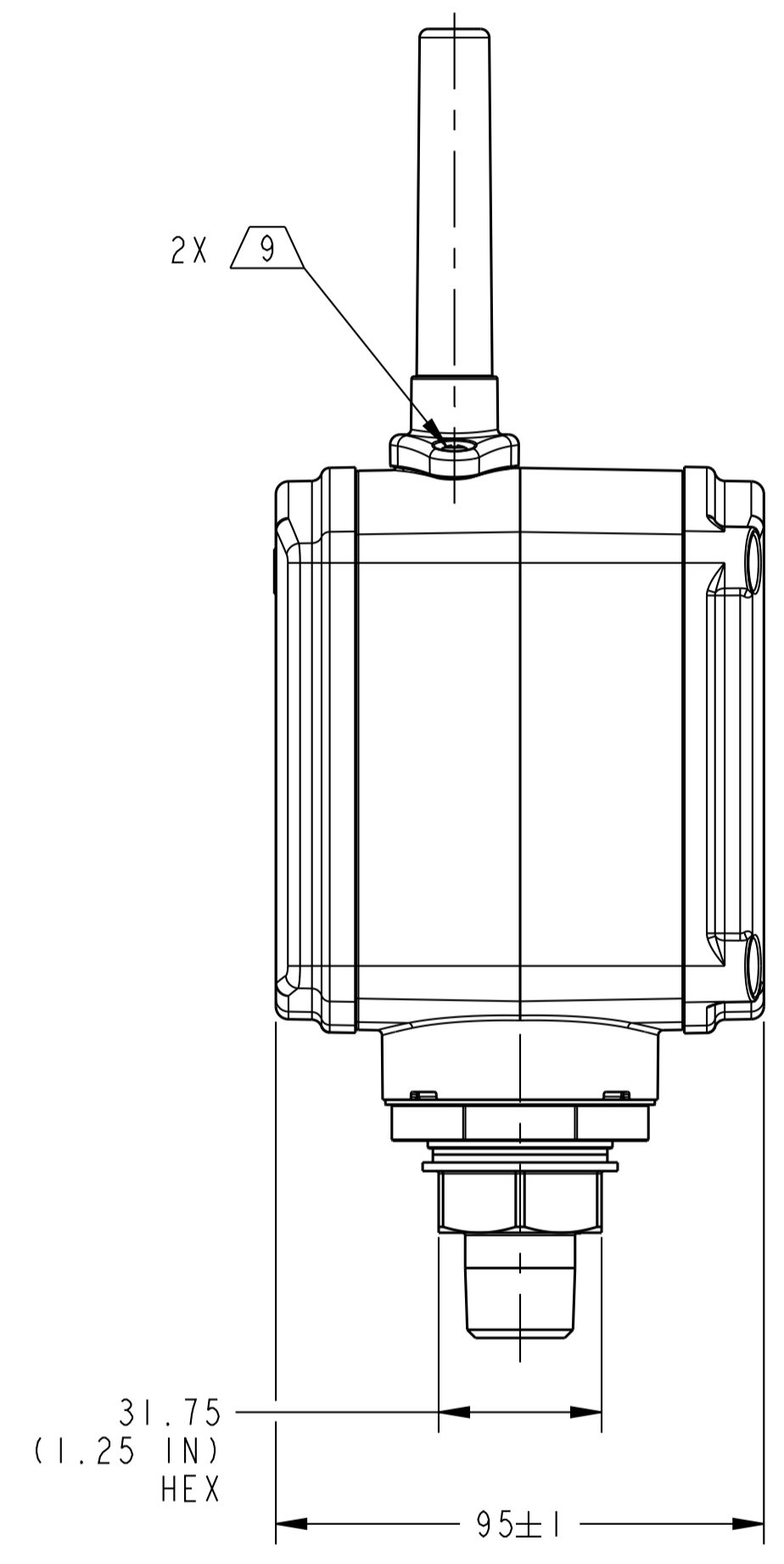
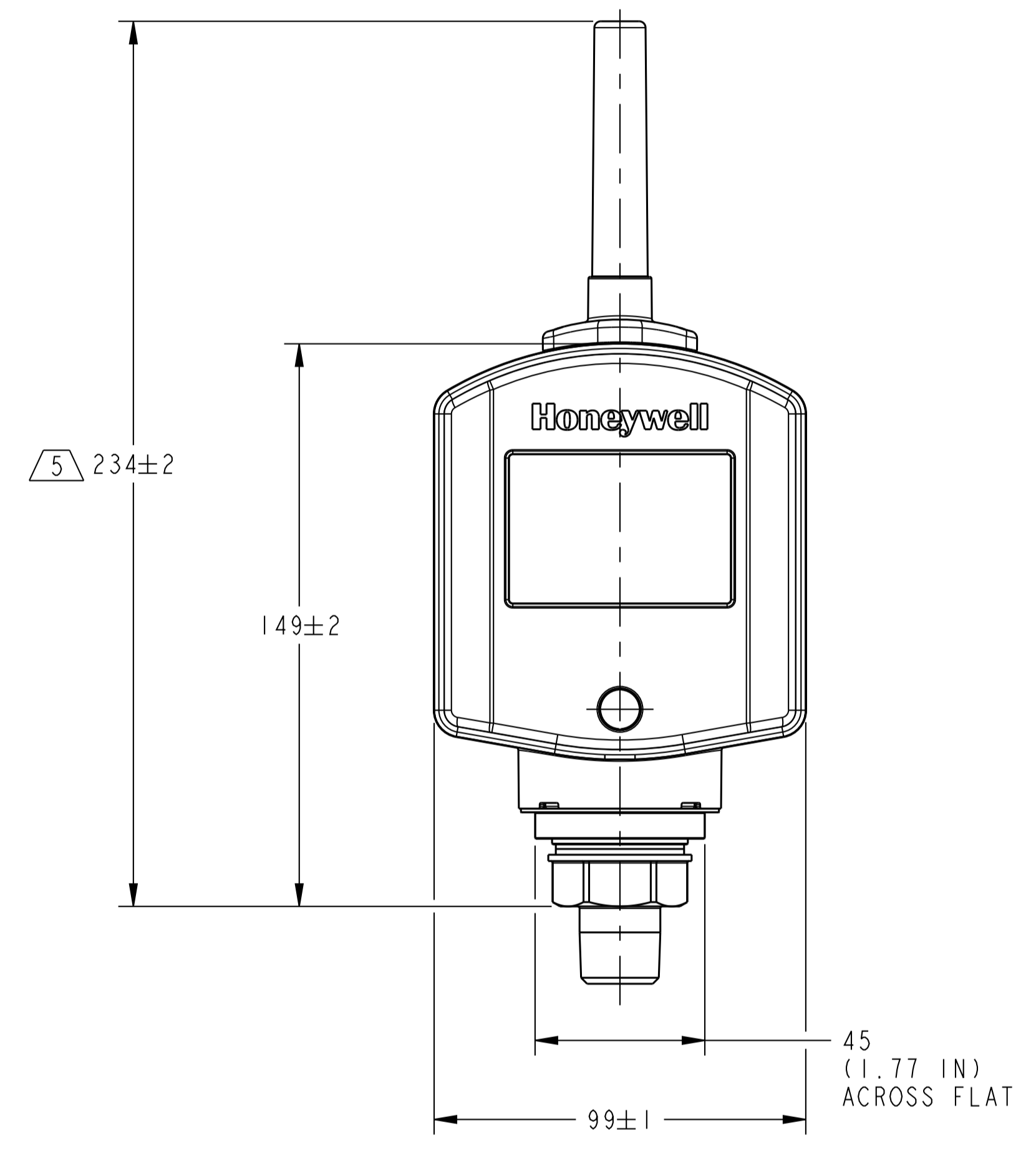
PART NUMBER
SEE CHART

REVISION HISTORY					
REV	DOCUMENT	DESCRIPTION	CHG'D BY	DATE	APPROVED
A	0110354	INITIAL RELEASE	SBH	2014-05-12	S. MOHAN
B	0114213	REVISED PER ECO	SBH	2014-09-18	S. MOHAN
C	0116550	UPDATED SPEC. CHART IN SHEET2	SBH	2014-12-08	S. MOHAN
D	0118187	UPDATED NOTE 6 AND UPDATED TABLES IN SHEET 2	SBH	2015-02-09	S. MOHAN
E	0119207	UPDATED NOTES AND SPEC. CHART	SBH	2015-03-16	S. MOHAN

WPS

GEN CODE I VERSION I	RF CODE B 2.4 GHz; ISA 100.11a	ANTENNA TYPE CODE 00 NO ANTENNA; RP-SMA CONNECTOR JACK 12 2.0 dBi OMNI ANTENNA	COUNTRY USE CODE A US, CANADA, AUSTRALIA B ALL OTHER APPROVED COUNTRIES	MEASURAND TYPE CODE AP ABSOLUTE PRESSURE GP GAUGE PRESSURE	CONNECTION TYPE CODE 1 1/2" NPT, MALE 2 3/4" NPT, MALE	MEASURAND RANGE CODE REFER MEASURAND RANGE CHART UNIT CODE PRESSURE RANGE CODE P D B E K F G H J K	ENCLOSURE TYPE CODE P PLASTIC	DISPLAY CODE 0 NONE 1 WITH LCD	PROTECTION CODE N NON INTRINSICALLY SAFE	SPECIALS CODE
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MEASURAND RANGE CHART								
UNIT CODE	DESCRIPTION	PRESSURE RANGE						
		D	E	F	G	H	J	K
P	PSI	0 - 50	0 - 200	0 - 500	0 - 1000	0 - 1500	0 - 5000	0 - 10000
B	BAR	0 - 3.45	0 - 13.8	0 - 34.5	0 - 68.9	0 - 103.4	0 - 344.7	0 - 689.5
K	kPa	0 - 344.7	0 - 1379	0 - 3447.4	0 - 6894.7	0 - 10342	0 - 34473	0 - 68947



- NOTES:
- 1 - SUITABILITY OF THE DEVICE FOR THE OPERATING ENVIRONMENT NEEDS TO BE ASSESSED BY THE END USER
 - 2 - DURING INSTALLATION DEVICE TO BE TIGHTENED ONLY THROUGH THE 31.75 (1.25") HEX. DEVICE BODY SHOULD NOT BE USED FOR TIGHTENING
 - 3 - TORQUE FOR THE M5 SCREWS (4X) ON THE REAR COVER TO BE 0.6±0.1 N-m
 - 4 - TORQUE FOR THE LOCK NUT TO BE 14±1 N-m
 - 5 - APPLICABLE ONLY FOR ANTENNA TYPE CODE 12
 - 6 - PROFESSIONAL INSTALLATION IS REQUIRED FOR THE SELECTION AND INSTALLATION OF APPROVED ANTENNAS AND SETUP OF MAXIMUM ALLOWABLE RADIATED POWER FROM THE WPS ISA100.11a COMPLIANT FIELD SENSOR AS CONFIGURED FOR THE PARTICULAR INSTALLATION SITE. REFER TO ONE WIRELESS™ NETWORK PLANNING AND INSTALLATION GUIDE OWDOC-X253-EN-220A, WPS ISA100 INSTALLATION AND TECHNICAL MANUAL 50095583
 - 7 - DEVICE IS RoHS COMPLIANT
 - 8 - 1/4" NPT FEMALE CONNECTION IS INTEGRAL TO 1/2" NPT MALE OR 3/4" NPT MALE CONNECTION
 - 9 - TORQUE FOR THE M3 SCREWS (2X) ON THE RADOME TO BE 0.5±0.1 N-m

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM		THIRD ANGLE PROJECTION		Honeywell			
DECIMAL TOL NO PLACE --- ±0.5 1 PLACE --- ±0.3 2 PLACE --- ±0.15 3 PLACE --- ±0.05		ANGULAR TOL - ±2° CHAMFER - ±5°		WIRELESS PRESSURE SENSOR ASSEMBLY			
MATERIAL		SIZE	CAGE CODE	DWG NO	TYPE	REV	
FINISH		A1	-	WPS SERIES CHART 2	I	E	
APPLICABLE DOCUMENTS: ASME Y14.100-2004 ASME Y14.5-2009		SCALE	4:5	REF. WT:	SHEET 1 of 2		
COMPUTER GENERATED DRAWING: PRO/ENGINEER		RELEASE DATE	2014-05-12	HONEYWELL CONFIDENTIAL THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE, NOR USED FOR MANUFACTURING PURPOSES WITHOUT WRITTEN PERMISSION FROM HONEYWELL			
		DRW: B. SANGANNA	2013-09-16				
		RDE: S. MOHAN	2014-05-12				
		DA: G. ESZTER	2014-05-12	CHR: R. SADYOJATHA		2014-05-12	

PART NUMBER
SEE CHART

ANTENNA AND ACCESSORIES ALLOWED FOR USE

ALL OTHER APPROVED COUNTRIES

ANTENNA TYPE CODE	ANTENNAS ALLOWED TO BE USED	ANTENNAS ALLOWED TO BE USED WITH MAGNETIC REMOTE MOUNT ASSEMBLIES WAMM100RSP-005	ANTENNAS ALLOWED TO BE USED WITH MAGNETIC REMOTE MOUNT ASSEMBLIES WAMM100RSP-010	ANTENNAS ALLOWED TO BE USED WITH ONE (1) EXTENSION CABLE ASSEMBLIES FOR REMOTE MOUNT WCA200RNJRSP-002 WCA200RNJRSP-005 WCA200RNJRSP-010 WCA200RNJRSP-015 WCA200RNJRSP-020
00	WAN03RSP WAN09RSP WAN10RSP	WAN08RSP	WAN04RSP WAN08RSP	WAN03RSP WAN08RSP WAN09RSP WAN10RSP WAN11RSP
12	WAN12RSP	-	-	-

US, CANADA, AUSTRALIA

ANTENNA TYPE CODE	ANTENNAS ALLOWED TO BE USED	ANTENNAS ALLOWED TO BE USED WITH MAGNETIC REMOTE MOUNT ASSEMBLIES WAMM100RSP-005 WAMM100RSP-010	ANTENNAS ALLOWED TO BE USED WITH ONE (1) EXTENSION CABLE ASSEMBLIES REMOTE MOUNT WCA200RNJRSP-002 WCA200RNJRSP-005 WCA200RNJRSP-010 WCA200RNJRSP-015 WCA200RNJRSP-020	ANTENNAS ALLOWED TO BE USED WITH ONE (1) EXTENSION CABLE ASSEMBLIES FOR REMOTE MOUNT WCA200RNPRSP-002 WCA200RNPRSP-010
00	WAN03RSP WAN06RNJ WAN09RSP WAN10RSP WAN11RSP	WAN04RSP WAN05RSP WAN08RSP	WAN03RSP WAN04RSP WAN05RSP WAN08RSP WAN09RSP WAN10RSP WAN11RSP	WAN06RNJ
12	WAN12RSP	-	-	-

COMMUNICATION AGENCY APPROVAL

FCC, IC

ETSI

COUNTRY

US, CANADA, AUSTRALIA

EUROPEAN COUNTRIES

WPS PRODUCT SPECIFICATION CHART

1	WIRELESS STANDARD	RF CODE B: ISAI00. 11a COMPLIANT; IEEE 802.15.4, 2.4GHz GLOBAL LICENSE FREE BAND
2	SIGNAL RANGE	IN EXCESS OF 305M LINE-OF-SIGHT COMMUNICATION BETWEEN SENSOR AND FIELD DEVICE ACCESS POINT WHEN USING 2.0dBi INTEGRAL FIELD SENSOR ANTENNA
3	DATA RATE	250 kbps
4	OPERATING FREQUENCY	2.4GHz (ISM)
5	RF MODULE TRANSMIT POWER	COUNTRY CODE A: 16 dBm MAX. COUNTRY CODE B: 8 dBm MAX.
6	RECEIVE SENSITIVITY (TYPICAL)	-98 dBm
7	ENCLOSURE MATERIAL	POLYCARBONATE PLASTIC, COLOR: BLACK
8	RADOME MATERIAL	POLYCARBONATE PLASTIC, COLOR: BLACK
9	PRESSURE PORT MATERIAL	STAINLESS STEEL 316L
10	DIAPHRAGM MATERIAL	HASTELLOY C276
11	BATTERY TYPE	3.6V LITHIUM THIONYL CHLORIDE; SIZE-D (2 NOS) RECOMMENDED MANUFACTURER(S): TADIRAN (P/N: TL-5930/S); XENO ENERGY (P/N: XL-205F), HONEYWELL P/N: WBT5
12	SEALING	IP65, IP67 PER IEC 60529
13	EMC	LATEST APPLICABLE STANDARDS EN 300 328, V1.8.1; EN 61326-1(2012); EN 301 489-1, V1.9.2; EN 301 489-17, V2.2.1
14	SHOCK	40g PER IEC 60068-2-27
15	VIBRATION	5Hz - 200Hz, 4g, SINUSOIDAL PER IEC 60068-2-6
16	OPERATING TEMPERATURE AND STORAGE TEMPERATURE	-40°C TO 70°C (-40°F TO 158°F)
17	OPERATING HUMIDITY	0% RH TO 100% RH
18	WEIGHT	1000 GRAMS ± 50 GRAMS
19	RF APPROVALS	16 dBm: FCC 15.247 AND 15.209, INDUSTRY CANADA RSS 210 ISSUE 8, ACMA (C-TICK MARK) 8 dBm: ETSI EN 300 328 V1.8.1 (CE MARK) (REFER TO THE WPS ISAI00 INSTALLATION AND TECHNICAL MANUAL 50095583 FOR A FULL LIST OF COUNTRIES APPROVED)
20	TOTAL ERROR BAND	±2% FSS
21	SENSOR OUTPUT RESOLUTION	0.04% FS
22	BATTERY LIFE	5 YEARS AT 5 SECONDS DATA INTERVAL, 2.5 YEARS AT 1 SECOND DATA INTERVAL, 6.5 YEARS AT 60 SECONDS DATA INTERVAL (AT 25°C)
23	OVERLOAD SAFE PRESSURE	4X FS OR 3000 PSI WHICHEVER IS LESS FOR ≤1000 PSI; 4X FS OR 15000 PSI, WHICHEVER IS LESS FOR >1000 PSI
24	BURST PRESSURE	3000 PSI FOR ≤1000 PSI; 4X FS OR 15000 PSI, WHICHEVER IS LESS FOR >1000 PSI

Honeywell

TITLE
WIRELESS PRESSURE SENSOR ASSEMBLY

SIZE	CAGE CODE	DWG NO	TYPE	REV
AI	-	WPS SERIES CHART 2	I	E

SCALE NONE REF WT: SHEET 2 of 2