

Document is part of Ex certified product

Ex

II 1 D Ex ia IIIC T157°C Da -40°C≤T_{amb}≤+85°C

PS

Class 1 Zone 0, AEx ia I Ma, -40°C ≤ Tamb ≤ +85°C

Class 1 Zone 0, AEx ia IIC T4 Ga, -40°C ≤ Tamb ≤ +85°C

Zone 20, AEx ia IIIC T157°C Da, -40°C ≤ Tamb ≤ +85°C

PRESAFE 19 ATEX 14930X

IECEX PRE 19.044X

Class 1 Division 1, Group A B C and D T4

Class II, Division 1 Group E F and G T4

Class III, Division 1

WARNING – POTENTIAL ELECTROSTATIC CHARGING HAZARD – SEE INSTRUCTIONS

AVERTISSEMENT - RISQUE DE CHARGE ÉLECTROSTATIQUE - VOIR LES INSTRUCTIONS

Smart Sensor xxxC variants (long life housing)					
Product type	Features	Article number	IC / FCC ID	MAC Bluetooth	MAC WirelessHART
BCHC	High performance, long life, Bluetooth host communication	4JNO000026R004	23283-SSPM001AA 2ANYT-SSPM001AA	X	
HCHC	High performance, long life, WirelessHART host comm.	4JNO000026R003	23283-SSPM002AA 2ANYT-SSPM002AA	X	X

QR Code:

Redundancy level: Medium

https://productid.abb.com/4JNO000026R00x

?sn=C2xxxxxxx&mac=5031ADXXXXXX&whm

ac=001B1E1A9AXXXXXX

Size 14*14mm

Note:

General:

Serial number:

Mac addr. BT:

Mac addr. WH:

Product type:

Article no:

AlpsAlpine will do the number / mac accounting based on definitions in this document

C2“xxxxxxx” (8 digits) is incrementally counted in hex.
For prototypes and proof of concept deliveries, the number is extended with two more digits.

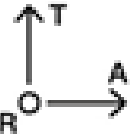
“XXXXXX” is incrementally counted in hex, for all versions of Smart Sensor

“XXXXXX” is incrementally counted in hex for WirelessHART versions of Smart Sensor. Omitted for other variants

x is “B” for Bluetooth, H for WirelessHART variants

x is 3 for WirelessHART, 4 for Bluetooth variant

Axis cross for definition of the Radial, axial or tangential directions.
To be left aligned with ABB Logo and top aligned with QR code.
Size 9mm



Radio and market access labels:
Font type: ABB Voice, size 4 pt

CE

0470

Contained
FCC ID:2ANYT-SSPM001AA
IC no: 23283-SSPM001AA



Manufacturing information: Font type: ABB Voice, size 4 pt

Smart Sensor xCHC

Article No: 4JNO000026R00x

ABB AS 0666 Oslo Norway

Ole Deviks vei 10

MAC addr WirelessHART: 001B1E1A9AXXXXXX

MAC addr Bluetooth: 50:31:AD:XX:XX:XX

Serial number: C2xxxxxxx

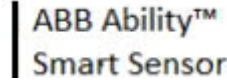
YYYY.MM

ABB Logo:
Height 6mm (17-18pt)



Guiding lines:
Guiding lines 3mm from the edge of the flat area.

Product name:
Font type: ABB Voice, size 7pt
Dividing line height 6mm (same as ABB logo)
Rightmost point to touch guiding line



Label printing instruction

The Axis cross, the ABB logo and the product family name on the top of the box shall be printed directly on the plastic in a separate process.

The text on the sides of the sensor and the QR code on the top shall be written/ burned directly into the plastic using a laser printer made for the purpose, so that serial number and MAC addresses are incremented for each sensor.

Title Smart sensor xxxC Label drawing		Prepared 2020-05-05 Geir Svoen			
		Approved			
Resp(division/department)		Documentt Id. 4JNO000026D007	Rev. Ed2	Lang. en	Page 1/2

REVISION			
Rev.ind.	Page (P) Chapt. (C)	Description	Date Dept./Name.
Ad1		New document	2019.09.19 IAEN/Geir Svoen
Ad2	P1	QR code definition updated to reflect new ABB standard. Drawing reference to article number and type made generic (replace specific number or type with "x")	2019.11.18 IAEN/Geir Svoen
Ad3	P1	QPS certification removed for first release. "Contains FCC/IC" numbers added, also column under variants. Serial number changed to 9 digits plus manufacturer code (C kept for Alps)	2019.12.09 IAEN/Geir Svoen
A		Changed to status approved	2019.12.10 IAEN/Geir Svoen
B	P1	Update of Ex part according to 4JNO000026D006 rev C. QR code updated. Note with description of accounting of serial number and MAC addresses	2019.12.25 IAEN/Geir Svoen
Cd1	P1	Removed type name from QR code.	2020.01.30 IAEN/Geir Svoen
C	P1	Adjusted QR code so that all characters are visible, and made dynamic characters red.. Added temperature range for mining in Ex part of label	2020.02.05 IAEN/Geir Svoen
D	P1	FCC and IC registration numbers removed as registration is non completed before first production batch. Size of QR code increased to 14*14mm	2020.03.12 IAEN/Geir Svoen
Ed1	P1	FCC and IC codes for US&Canada added QPS code for Ex certification for USA and Canada added	2020.04.30 IAEN/Geir Svoen
Ed2	P1	Redundancy level M (15%) specified for QR code Swapped radio certification marks with Ex to give more space for Ex Added detailed certification marks for USA Canada according to instructions from Presafe	2020.05.05 IAEN/Geir Svoen