

17.71 RP Controller Expansion Insight-Sensor Regulatory Compliance and Approvals

This section provides information on regulatory compliance and approvals for the RP controller expansion sensor modules of the Insight-Sensor model.

17.71.1 CE - European Union (EU)

The Insight-Sensor (RP-C-EXT-IS-BLE) bears the CE mark and complies with the following EU directives:

- 2014/53/EU Radio Equipment Directive (RED)
- 2011/65/EU Restriction of Hazardous Substances (RoHS) Directive
- 2015/863/EU amending Annex II to Directive 2011/65/EU

17.71.2 UKCA - United Kingdom (UK)

The Insight-Sensor (RP-C-EXT-IS-BLE) bears the UKCA mark and complies with the following UK directives:

- S.I. 2017/1206 - Radio Equipment Regulations 2017
- S.I. 2012/3032 - Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012

17.71.3 Federal Communications Commission (FCC)

For the Insight-Sensor (FCC ID: DVE-IS1), the following statements apply.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device, and the antenna used with the device, must be professionally installed. This device may be operated only with the antenna with which it is authorized (see list below). Any antenna that is of the same type and of equal or less directional gain as the antenna that is authorized with the device may be used with the device.

Antenna	Manufacturer	Model (Part number)	Gain	Type	Impedance
Integrated	NA	NA	0.92 dBi	Inverted-F	50 ohm

17.71.4 Innovation, Science and Economic Development Canada (ISED)

For the Insight-Sensor (ISED certification number: 24775-IS1), the following statements apply.

This digital apparatus does not exceed the Class B limits for radio-noise emissions from digital apparatus as set out in the Radio Interference Regulations of the Canadian Department of Communications (ICES-3).

Cet appareil numérique ne dépasse pas les limites de la classe B pour les émissions radio bruit des appareils numériques, tel qu'énoncé dans le Règlement sur le brouillage radioélectrique du ministère des Communications du Canada (NMB-3).

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- This device may not cause interference.
- This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- L'appareil ne doit pas produire de brouillage;
- L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This radio transmitter (24775-IS1) has been approved by Innovation, Science and Economic Development Canada to operate with the antenna types listed below, with the maximum permissible gain indicated. Antenna types not included in this list that have a gain greater than the maximum gain indicated for any type listed are strictly prohibited for use with this device.

Le présent émetteur radio (24775-IS1) a été approuvé par Innovation, Sciences et Développement économique Canada pour fonctionner avec les types d'antenne énumérés ci-dessous et ayant un gain admissible maximal. Les types d'antenne non inclus dans cette liste, et dont le gain est supérieur au gain

maximal indiqué pour tout type figurant sur la liste, sont strictement interdits pour l'exploitation de l'émetteur.

Antenna	Manufacturer	Model (Part number)	Gain	Type	Impedance
Integrated	NA	NA	0.92 dBi	Inverted-F	50 ohm