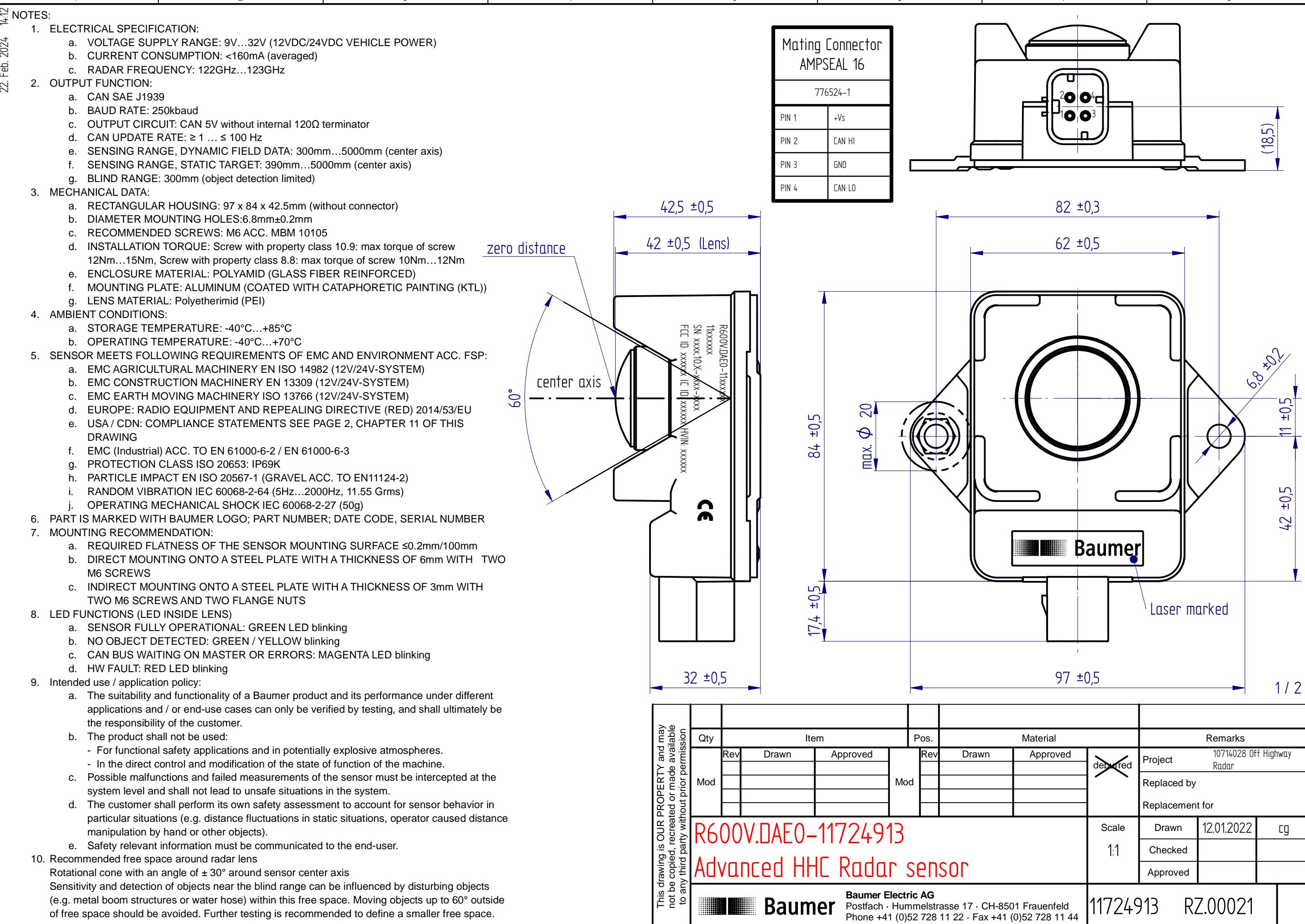


1 2 3 4 5 6 7 8



22. Feb. 2024 14:12

11. ADDITIONAL ENVIRONMENT AND EMC SPECIFICATIONS FOR AHHC RADAR SENSOR

- a. TEMPERATURE SHOCK (ENS0310M-Section: 10.1.4.4): -40°C...85°C 100 CYCLES
- b. VIBRATION – WHEELED VEHICLES (ENS0310M-Section: 10.2.2.7) – Location 4B
- c. SALT SPRAY CORROSION (ENS0310M-Section: 10.4.4.4)
- d. EMC BULK CURRENT INJECTION (ENS0310M-Section: 14.7.4.3): Class A (L1 profile, 100mA max. current, 10W); Class A (L3 profile, 300mA max. current, 25W)
- e. EMC ALSE (ENS0310M-Section: 14.7.4.2): Sensor fulfills EN ISO 14982:2009 requirements, EMC -ALSE limitations (ISO 11452-2:2004):
  - i. 200MHz – 1GHz: AM: 200V/m; PM: 200V/m with gain setting 3
  - ii. 1GHz – 2GHz: AM: 30V/m; PM: 30V/m with gain setting 3
  - iii. 1GHz – 2 GHz: AM: 200V/m; PM: 200V/m with gain setting 2

## 12. Compliance Statements:

a. FCC Compliance Statement

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

(2) this device must accept any interference received, including interference that may cause undesired operation.  
NOTICE: Changes or modifications made to this equipment not expressly approved by Baumer may void the FCC authorization to operate this equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

#### Radiofrequency radiation exposure information

This equipment complies with FCC exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

b. Canada Compliance Statement

This device complies with Industry Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions:

Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference; and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.

Equipment should be installed and operated with a minimum distance of 20 cm between the radiator and you. This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

licencié. L'exploitation est autorisée aux deux conditions suivantes:

(1) l'appareil ne doit pas produire de brouillage, et

(2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

Ce transmetteur ne doit pas être placé au même endroit ou utilisé simultanément avec un autre transmetteur ou antenne.

		Qty		Item		Pos.		Material		Remarks			
Mod	Rev	Drawn	Approved	Mod	Rev	Drawn	Approved	X	Project	10714028 Off Highway Radar			
									Replaced by				
									Replacement for				
									Scale	Drawn	12.01.2022	cg	
										Checked			
										Approved			
<b>R600V.DAE0-11724913</b> <b>Advanced HHC Radar sensor</b>													