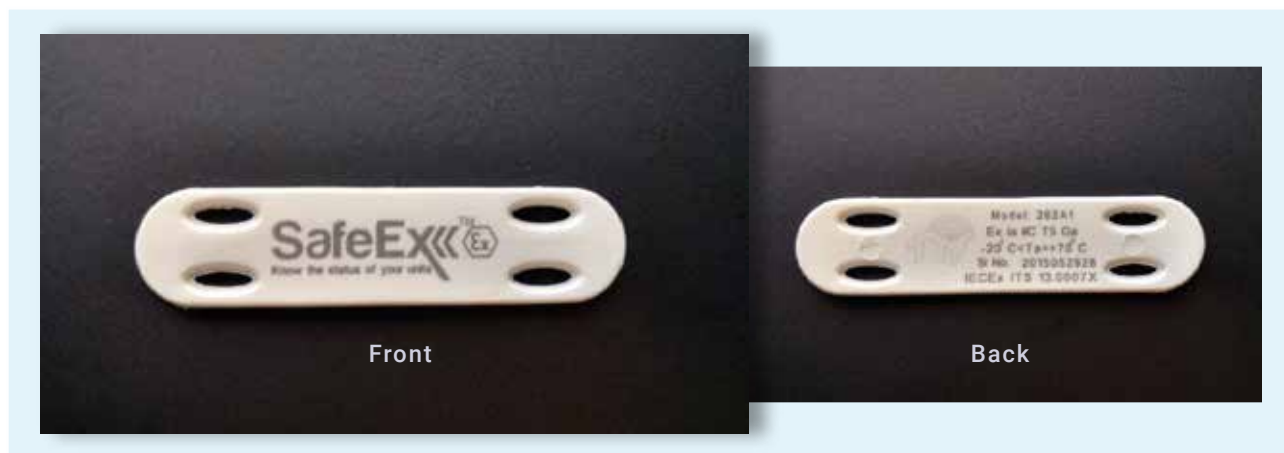


262A1-Ex SafeEx NFC (HF RFID) Cable Tag – Datasheet



Physical specifications	
Dimensions:	62.6 x 14.8 x 2.2 millimetres
Weight:	2.1 grams
Materials:	Proprietary TPU
Base-colour:	White
Print-colour:	Dark grey
Ingress protection:	68
Storage temperature:	-20°C to +85°C
Operating temperature:	-20°C to +70°C
Bending angle:	15° max
UV-radiation:	Colours may fade if exposed to UV-radiation. The tag may start to degenerate after 5 years of UV-radiation exposure.
Chemical resistance:	Diesel, Petrol, Kerosene oil, Pure mineral oils, water-free greases (up to 80°C), Aluminium chloride (up to 5% at 20°C), Aqueous (up to 5% at 20°C), Ammonia (up to 10% at 20°C), IRM oil (901/902/903 up to 80°C), Sodium chloride solution (at 20°C), Soda soap (at 20°C), Saltwater (3.5% salinity).

Mounting instructions

The cable tag is mounted with 2 tie-wraps, tensioned lightly. The tag should be tested (scanned) post mounting and never bend beyond the specified angle.

Chip specifications

Chip:	I-code SLI
Type:	Passive (no internal powers source)
Standards:	ISO/IEC 15693
Compatibilities:	NFC (Near Field Communication)
Operating frequency:	13.56 MHz
Data retention:	10 years
Write endurance:	100000 cycles
Read distance:	Up to 25 millimetres

Conformity

CE:	Yes
RoHS:	Yes

Certification options

ATEX certification:	CE 0359 {Ex} II 1G Ex ia IIC T5 Ga
ATEX certificate number:	ITS 09 ATEX 26843X /2
IECEX certification:	Ex ia IIC T5 Ga ¹
IECEX certificate number:	13.0007X

1: The 262A1-Ex SafeEx NFC (HF RFID) Cable Tag can also be installed as per IEC 60079-14 for simple apparatus.

