Product presentation: smart-DOME Industrial One RFID transponder with three options to attache

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With the smart-DOME Industrial, smart-TEC is launching a new generation of RFID industrial transponders in the market. The customer-specific RFID transponder was developed for applications that require different attachment methods.

The RFID transponder was designed so that it can be glued, riveted, screwed or fastened with cable ties. This is particularly helpful if the type of attachment cannot be clearly defined in advance of the project or if the type of attachment to the component is only decided on site, when it is actually attached. The smart-DOME Industrial offers maximum flexibility in the attachment process. A further advantage of this design is that only one transponder version has to be ordered, which can then be used independently of the component to be marked. This cuts costs and reduces the logistical effort involved in storing, supplying and managing the RFID transponders. The smart-DOME Industrial was developed for attachment to metallic and non-metallic surfaces.

Another feature of the smart-DOME Industrial is the possibility of individual marking with 2D codes, plain text, logos or serial numbers. A transparent polyurethane layer over the printed image protects against scratching or fading.

Furthermore, the smart-DOME Industrial is characterised by its absolute temperature and weather resistance¬. It has been designed for the toughest conditions, such as waste water, dirt, sludge, heat and cold and can be fixed to almost any surface. The smart-DOME Industrial is an indispensable element of Industry 4.0

smart-TEC's smart-DOME Industrial can be attached to various surfaces using cable ties thanks to its flexible yet robust design.

About smart-TEC:

smart-**TEC** GmbH & Co. KG is a company of the RATHGEBER Group in Oberhaching.
For 20 years we have been developing and manufactured customer-specific RFID and NFC transponders. The spectrum ranges from self-adhesive, printed RFID and NFC labels to towards robust, durable, weather and temperature resistant transponders for the industrial sector. The majority of RFID transponders are certified for use in explosion-proof areas.
In cooperation with system partners, *smart*-**TEC** also offers comprehensive project support.

Core competencies:

- Robuste, langlebige, industrietaugliche, witterungs- und temperaturbeständige RFID- und NFC-Transponder- auch für den Ex-geschützten Bereich
- Customized RFID and NFC labels, printed or blank, with various chip technologies, frequency ranges and forgery-proof or tamper-proof features
- Comprehensive NFC know-how in the Competence Center
- Competent project consulting and support

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