# BEGNI GROUP

**Item No. 53282**
# SupraX-282

*Certificate Pending*



Ex IECEx

**NFC Enabled**

Ø3.5 (Ø0.14")

300 (11.8")

40 (1.57")

14 (0.55")

20 (0.79")

34 (1.34")

mm (inch)
weight: 47g (1.66oz)

CE 0598  UK CA 1180  Ex II 2G   Ex ib IIC  T 4    Gb
CE 0598  UK CA 1180  Ex II 2D   Ex ib IIIC T 135°C Db
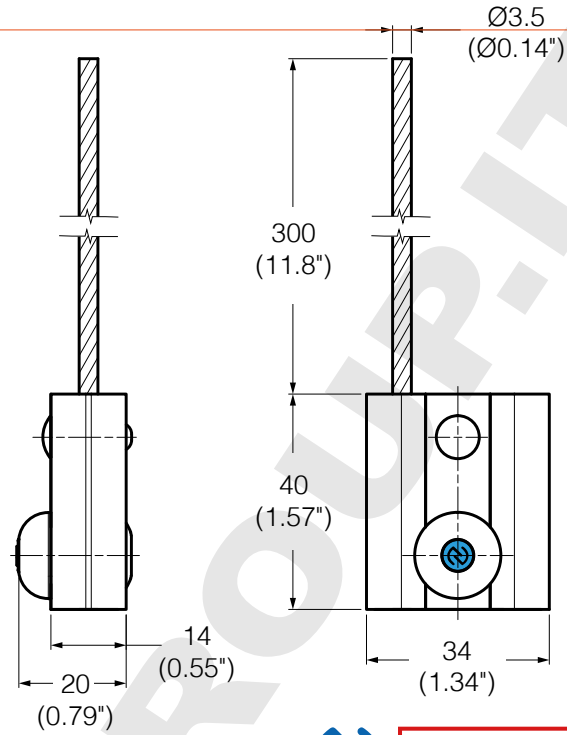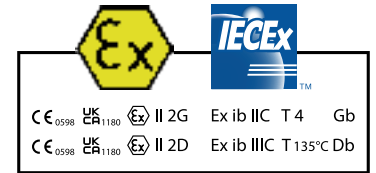
## Features:

- NFC enabled mobile device or smart phone (iOS 14 or greater required/ Android 12 or greater required) can be used as reader.

- Corrosion resistant stainless steel.

- The tensile strength of the wire rope is greater than 10kN.

- The wire rope fixing mechanism is made of aluminum alloy, without any plastic and for easy recycling.

- The 7x19 stainless steel wire rope with a diameter of 3.5mm is strong, flexible and convenient to use.

- Unique design of proprietary wafer-antenna chip construction.

- By using the Supra Digital Chips with a third-party asset management application to achieve product traceability, manufacturer authentication and digitized product information.

| Functionality | |
|---|---|
| RF Protocol | ISO 15693 |
| Operating Frequency | HF - 13.56 MHz |
| Memory Configuration | UID 16 bits, User 2K bits |
| R/W Capability | Read / Write |
| **Performance** | |
| Read Range | Maximum to 5 mm ( 0.2″ ) |
| Quality Guarantee | 100 % |
| Orientation | Front Face Read |
| IP Rating | IP68 |
| **Physical** | |
| Materials | PA 6 + 30 GF, Stainless Steel, Aluminum |
| Mounting System | Universal Use |
| Color | Turquoise Blue / Polished |
| **Operational** | |
| Max Temperature Exposure | 125 °C / 257 °F |
| Min Temperature Exposure | -30 °C / -22 °F |
| Continuous Max Service Temperature | 125 °C / 257 °F |
| Continuous Min Service Temperature | -30 °C / -22 °F |
| Water and Ice Proof | Yes |

**Patent Number**
| | |
|---|---|
| » United States Patent: | 10235617 |
| » Japan Patent: | 3219858 |
| » United States Patent: | 10607128 |
| » Japan Patent: | 3220091 |
| » | |
| » Taiwan Patent: | M573545 |
| » China Patent: | ZL 201821589819.6 |
| » Japan Patent: | 3219858 |
| » United States Patent: | 10607128 |
| » German Patent: | 602018032891.2 |
| » Italy Patent: | 3627396 |
| » UK Patent: | 10607128 |
| » Taiwan Patent: | I638765 |
| » China Patent: | ZL 2017 1 0821524.0 |
| » United States Patent: | 10235617 |