Flat Top Double Antenna DAF203

1) Introduction

The DAF203 flat top aerial is one of the high-quality products to be found in our product line. Supported by our ASR400/500/600 and 700 reader electronics an efficient and powerful RF-ID configuration that can be integrated into your equipment.
The aerial (as well as all our ASR electronic units) are constructed of heavy-duty materials and can therefore be applied under extremely hostile conditions. They are, most important, insensitive to humidity and dirt.
The equipment protective classification is IP 67 according to EN 60529.

2) Mounting

Ensure, if possible, that the aerial is not subjected to continuous sun exposure. Select a location for its installation in surroundings that is not or hardly exposed to UV light penetration, as this will be beneficiary to its operational life. Avoid mounting the aerial in the immediate vicinity of metal objects, which may easily affect its frequency stability. It is for this reason that we advise to tune the reader only after installation of the aerial. Also its mounting immediately on metal surfaces may limit the range of transmission of the aerial. In such (doubtful) circumstances we advise you to contact your dealer.

When mounting the equipment, make sure to use only countersunk screws with a maximum thread size of 5mm and use them with plain washers.
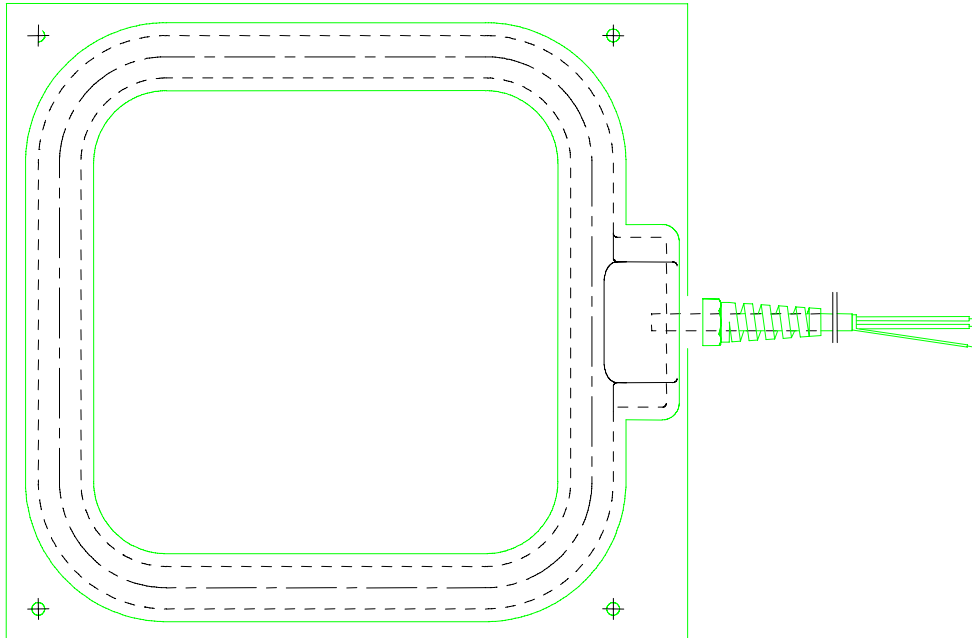The equipment never should be fixed by countersunk head screws, as they may easily damage the plastic frame.

The connecting wire to the reader electronics must be held in position by cable clips; so that it's lying loose cannot be a cause of danger. The line must not be extended.

Consult the operator's manual of the ASR readers for the connection of the reader electronics.

3) Specifications

External dimensions aerial frame: 320 x320 x 30 mm
(Without cable break protection)
Diameter of drill holes: 6 mm
Length connecting cable: 2000 mm
Diameter connecting cable: 8 mm
Connector: Binder Serie720 round
Weight aerial (cable incl.): 1500 g

Antenna Panel of DAF203