

# LF ANTENNA

## A2SG x02 yyy0

**IDeal 125**



The **IDeal 125** Identification system has been developed with respect to the European regulation EN300330/Class 2. This class is intended for systems with customized antennae.

A2SG x02 yyy0 make up the standard Antennae series to be used with the **IDeal 125** central units R2xx 024 M02 for short range applications.

The A2SG x02 yyy0 can also be used 1:1 together with the Baumer central units ZE.77. SR.xx.yy.

The different antennae have been designed with respect to a wide variety of applications. In general, the antennae have to be used in a free air environment.

For mounting in close proximity to metal, antennae of the series A2SG 202 yyy0 should be utilized.

Special antennae for mounting directly onto metal are also available.

Specifications about reading distances and recommended

transponder types are given in the system manual PUB 030 044 050.

Normally, the central units are mounted in dry environments, even when the antennae are exposed to water or snow.

Hence, we equip the standard antennae with cable plugs of the IP40 type. On demand and against a surcharge we will supply the IP67 type in stead.

### Technical Data

Type:	<b>IDeal 125A</b>
Order.-No.:	A2SG x02 yyy0 A2SG x02 yyy1* x1= in air, x2= near metal yyy= cable length in dm
Cable:	fixed cable, yyy dm length, PUR, minimum bending radius: 50 mm, for static applications
Cable connector:*	Amphenol C091A = IP40 Amphenol C091D = IP67*
Temperature- range:	0... +50 °C (Operation) -10 ... +60 °C (Storage)
Housing	PVC
Protection class:	IP67*
Tuning:	free air
Dimensions:	Ø30 x 75 (see drawing)
Weight	60 g (320 g incl. cable)

