

	Operational Description	ID ISC.MR100 ID ISC.PR100	1 / 1
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Operational Description

ID ISC.MR100-A / ID ISC.PR100-A

The Reader is designed for reading passive data carriers, so-called „Smart Labels“ at an operating frequency of 13.56 MHz.

The reader ID ISC.MR100 is suitable for all applications in which moderate reading distances are required. Also required is an external antenna connected to the Reader.

The ID ISC.PR100 is suitable for all applications which don't require wide reader ranges.

The reader contains of an internal antenna, so that is no external antenna necessary.

An anti-collision function enables simultaneous reading of up to 30 transponders per second.

The Reader electronics is contained in a plastic housing having an IP30 enclosure rating. The Reader comes with an asynchronous port which can be configured for RS232 or RS485.

The ability to configure the port means that the Reader can also be operated on a databus with RS485 interface. The address of the Reader is configured via software.