



RFID Division

Hardware | Reader  
**RFID Reader**  
**Series LF80**

RFID Reader Profibus

134.2 kHz



Ready  
for  
**RFID ?**

\* Radio Frequency Identification

- Protocol: Profibus-DP
- Direct connection to Profibus
- Automated antenna tuning



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# Hardware | Reader

## RFID Reader

### Series LF80

RFID Reader Profibus

134.2 kHz

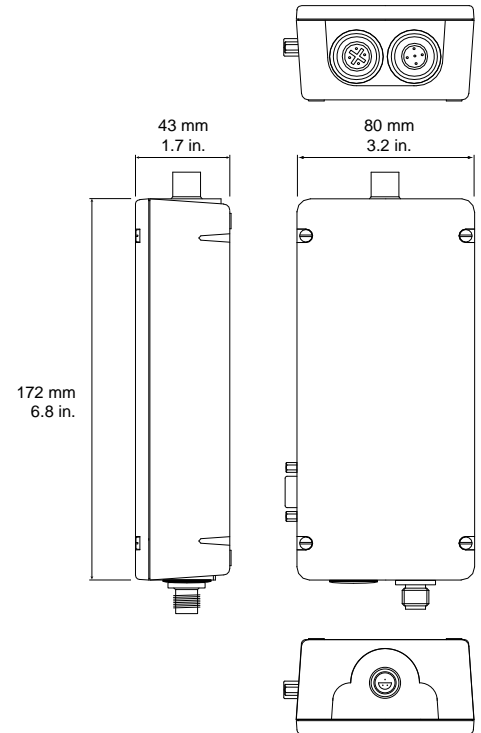
Identification by radio frequency (RFID) provides a fast and safe identification of the object to be controlled.

RFID guarantees the data exchange between reader and transponder, independent from contact or intervisibility and is able to even identify through different kinds of materials such as paper, plastic, liquid or dust.

The RFID reader LF80 Profibus DP communicates with passive transponders using the frequency LF 134.2 kHz. Collected data is processed to the overall system via Profibus DP.

#### Optionally the device is available with the following functions:

- Several devices used in the field can be calibrated amongst each other with a button integrated in the device's housing.
- External sensors can be connected via an additional I/O port.
- An integrated LED within the housing of the RFID reader LF80 Profibus DP informs about the read and write actions of the reader.



#### Part number

TLG-P1-1000-S0-1000

#### Technical data

Protocol	Profibus-DP
Dimensions	172 x 80 x 43 mm   6.8 x 3.2 x 1.7 in.
Weight	440 g   15.5 oz
Operating temperature	-25°C to 50°C   -13°F to 122°F (ISO 7810)
Storage temperature	-25°C to 70°C   -13°F to 158°F
Protection mode	IP40
Housing	PVC (Polyvinyl chloride), white, without labeling
Voltage	18 - 30 V DC
Current	30 mA
Fuse type TR5	500 mA

#### Sales RFID

[sales.rfid@brooks.com](mailto:sales.rfid@brooks.com)

Brooks Automation (Germany) GmbH  
RFID Division  
Gartenstr. 19  
95490 Mistelgau  
Germany

Tel +49-9279-991 550

Fax +49-9279-991 501

[www.brooks-rfid.com](http://www.brooks-rfid.com)

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