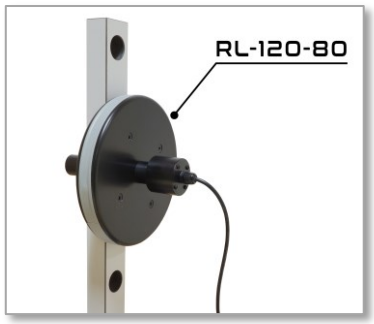
MGA Hall effect sensor

Hall effect sensor with fixed connection cable

ISO 11452-8

- Frequency range: DC up to 9.9 Hz
- Measuring range:
  800 A/m - 20 kA/m (1 - 25 mT),

Hall effect sensor for measuring DC magnetic fields with the MGA 1033.



Hall effect sensor on MGA RL 120-80

Overview

A hall effect sensor is offered for measuring the generated DC magnetic field of the standard MGA RL-120 and the MGA RL 120-80 modified for high field strengths. The sensor is built into the round sensor housing and can be plugged directly onto the 50 mm spacer.

The measurement and supply is realized with the basic device MGA 1033 by a fixed connection cable.

Technical data

Hall effect sensor	
Frequency range	DC up to 9.9 Hz
Measuring range	800 A/m - 20 kA/m (1 - 25 mT)
Measurement uncertainty	±2% ±10 A/m

Connection cable	1.5 m shielded sensor cable
Connector	5 pole XLR connector (for MGA Additional Input)
Temperature range	10 - 40 °C

Option - Accessories

MGA RL 120	radiating loop, frequency range DC – 500 kHz
MGA RL 120-80	radiating loop, frequency range DC – 1 kHz

Scope of delivery

MGA Hall effect sensor	hall effect sensor with fixed connection cable, incl. screw and holder for Helmholtz coil

All information regarding appearance and technical data correspond to the current state of development at the time of release of this data sheet. We reserve the right to make technical changes. 122402