

- IO-Link Version 1.1.3
- Transfer rate:COM2 (38.4 kBaud)
- IO-Link port: Class A
- Pluggable I/O terminals
- 8-channel 16 bits resolution analog input/output



| Ordering data            |   |   |
|--------------------------|---|---|
| Product Model            | LKHA-08UA-QC  | LKHA-08UA-TC                                  |
| Description              | 8-channel Analog I/O Module , 4-PIN M12   | 8-channel Analog I/O Module , 4-Pos terminals |
| Electrical connection    |   |   |
| IO-Link                  | 1xM12 A-CODE 4-PIN, Male  | 1x4-Pos terminals                             |
| Power supply             | Included in IO-Link interface   | Included in IO-Link interface                 |
| Input/Output             | 2x10-Pos terminals  |   |
| Electrical data          |   |   |
| Operation type           | Voltage and current input and output can be configured,thermal resistance, thermocouple input |   |
| Input                    | 8   |   |
| Input supply current     | 200 mA per channel  |   |
| Input type               | 0...20 mA, 4...20 mA, 0...10 V, thermocouple: J, K, T, N, E type, PT100, PT1000               |   |
| Input impedance          | Current: 250 Ω; Voltage: 1 MΩ   |   |
| Input resolution         | 16 Bits   |   |
| Conversion time          | Current, Voltage: 12 ms; thermocouple: 50 ms  |   |
| Measurement accuracy     | ±0.3%   |   |
| Output                   | 8   |   |
| Output type              | Current: 0...20 mA, 4...20 mA; Voltage: 0...10V;  |   |
| Output Impedance         | Current: <450 Ω; Voltage: >1 kΩ   |   |
| Output Resolution        | 16 Bits   |   |
| Conversion time          | 12 ms   |   |
| Measurement accuracy     | ±0.3%   |   |
| Diagnostics              |   |   |
| Communication status     | LED indication, Communication message   |   |
| Voltage detection        | LED indication  |   |
| Short-circuit & Overload | LED indication  |   |
| General data             |   |   |
| Protection Class         | IP20  |   |
| Temperature              | Operating -25 ... +70 °C, Storage -40 ... +85 °C  |   |
| Dimensions (W*H*D)       | 91 mm x 70 mm x 38mm  |   |

Dimension drawing and terminal definition

