

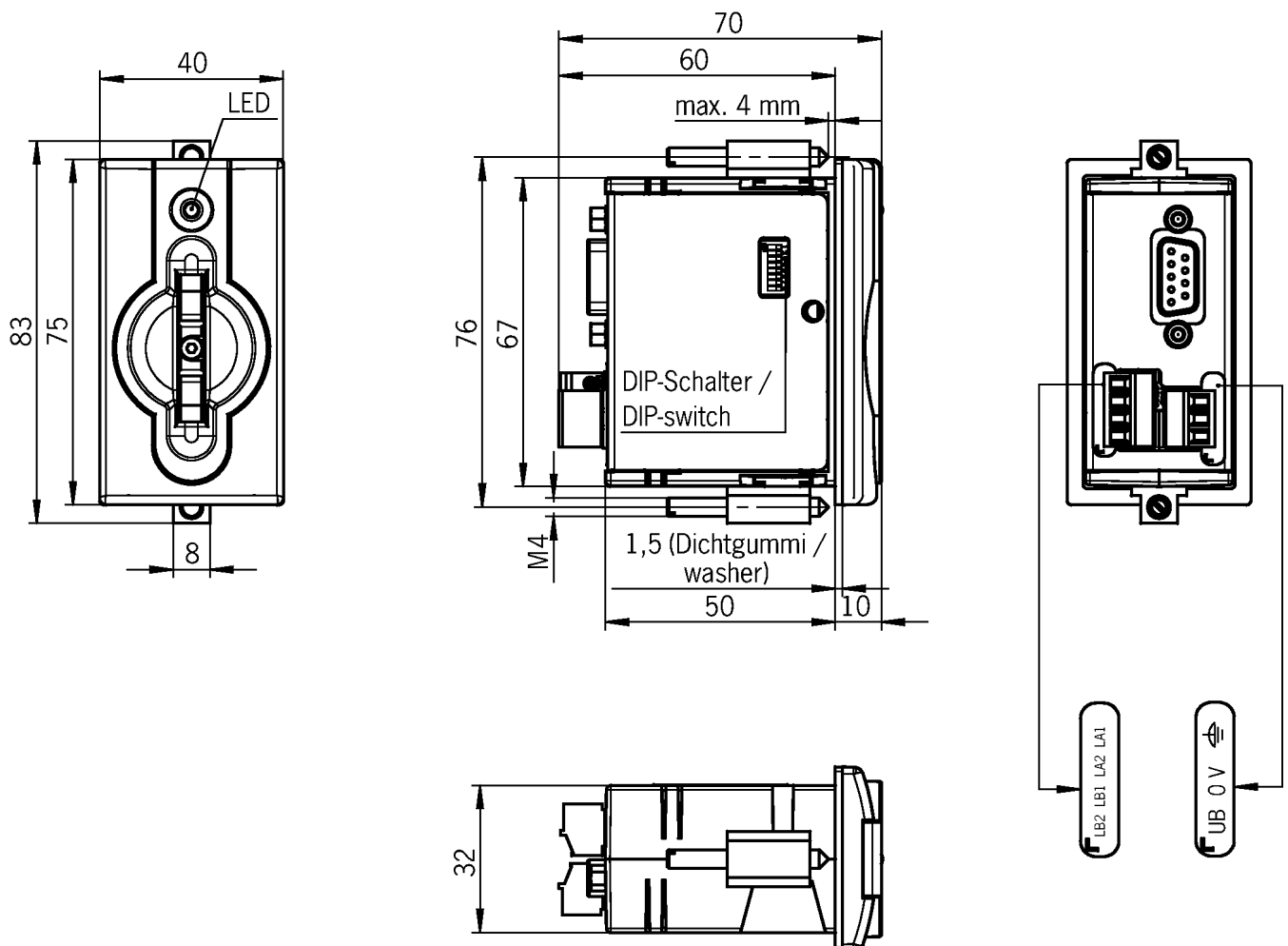
EKS-A-IDXA-G01-ST09/03/04 (Order no. 100378)

Electronic-Key adapter with PROFIBUS DP interface, version FSA

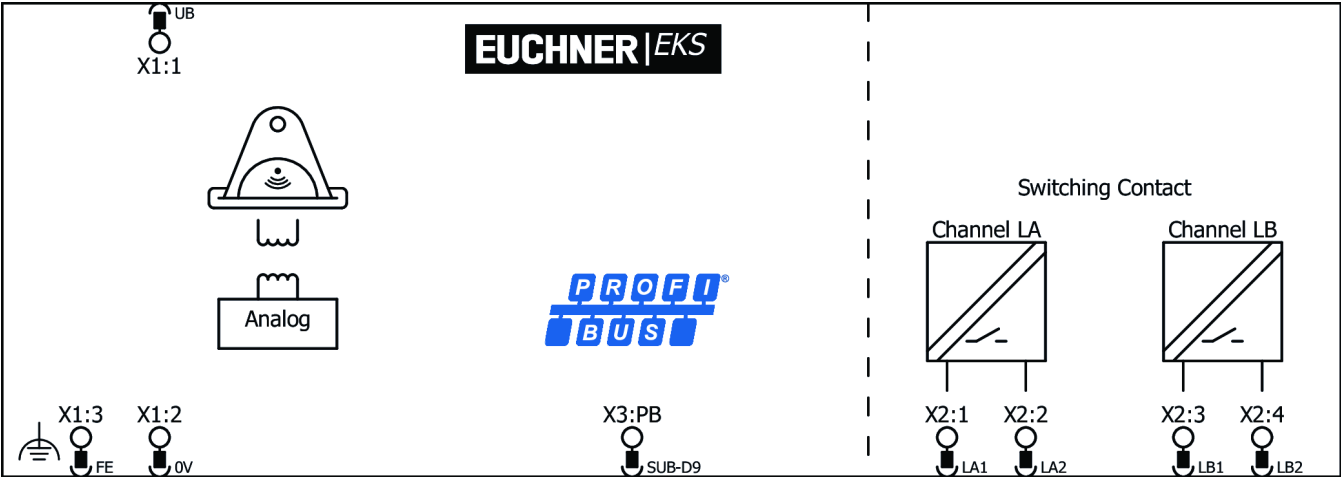
- ▶ Electronic-Key adapter with PROFIBUS DP interface
- ▶ Read/write system
- ▶ Remote mounting
- ▶ Electronic-Key adapter and electronics in one housing
- ▶ Reliable retention of the Electronic-Key, even if there is heavy vibration
- ▶ Transfers the data from the Electronic-Key to a control system for processing
- ▶ Connection to PLC
- ▶ PROFIBUS protocol, cyclic data transfer to control system
- ▶ Interfacing via GSD file
- ▶ Address assignment via DIP switches
- ▶ Version FSA (For Safety Applications)



Dimensional drawings



Connection examples



Technical data

Approvals



Operating and display elements

LED display

| | |
|--------|------------------------|
| red | Error |
| yellow | Key in actuating range |
| green | operational |

Electrical connection values

| Power supply | | | | | | | | | |
|--------------------------------------|---|-------|----------|-------|----------|-------|----------|-------|----------|
| Connection cross section | 0.14 ... 1.5 mm ² (plug-in screw terminal, 3-pin) | | | | | | | | |
| Operating voltage DC | 20 ... 24 ... 28 V DC | | | | | | | | |
| Current consumption | max. 150 mA | | | | | | | | |
| Parameters for the outputs LA and LB | | | | | | | | | |
| Connection cross section | 0.14 ... 1.5 mm ² (plug-in screw terminal, 2 x 2-pin) | | | | | | | | |
| Discrepancy time | 200 ms Difference time between outputs (LB first) (If access on the interface takes place during the insertion or removal of the Electronic-Key, the simultaneity time can be more than 200 ms.) | | | | | | | | |
| Utilization category | <table> <tr> <td>DC-12</td> <td>24V 50mA</td> </tr> <tr> <td>DC-13</td> <td>24V 50mA</td> </tr> <tr> <td>AC-12</td> <td>24V 50mA</td> </tr> <tr> <td>AC-15</td> <td>24V 50mA</td> </tr> </table> | DC-12 | 24V 50mA | DC-13 | 24V 50mA | AC-12 | 24V 50mA | AC-15 | 24V 50mA |
| DC-12 | 24V 50mA | | | | | | | | |
| DC-13 | 24V 50mA | | | | | | | | |
| AC-12 | 24V 50mA | | | | | | | | |
| AC-15 | 24V 50mA | | | | | | | | |
| Switching voltage | 24 ... 30 V | | | | | | | | |
| Switching current | 1 ... 10 ... 50 mA with short circuit protection max. 100 times | | | | | | | | |