# Accessories
## Programming accessories

## Handheld Programming Tool Z-PA-EI-H




### Features

- **Battery operated stand-alone solution**
- **Intuitive, fully menu-driven programming**
- **Four user-assigned buttons for simple and quick programming**
- **Memory of several encoder configurations**
- **Backlit display**
- **LED status indicator**
- **Encoder diagnostic functions**

### Part number

| | |
|---|---|
| 11120657 | Handheld Programming Tool Z-PA-EI-H |

Note: Please order connection cable (see accessories).

### Suitable for

EIL580P, HS35P, ITD2PH00.2

### Accessories

**Connectors and cables**

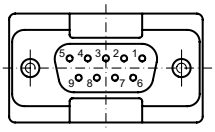
| | |
|---|---|
| 11119280 | Connection cable connector M12 / connector D-SUB, 0.2 m |
| 11119720 | Connection cable connector M12 / connector D-SUB, 1 m |
| 11119257 | Connection cable connector M23 / connector D-SUB, 0.2 m (S2BG12/K4SG9) |
| 11119723 | Connection cable connector M23 / connector D-SUB, 1 m (S2BG12/K4SG9) |
| 11077210 | Connection cable HS35P with connector MIL, 10-pin / connector D-SUB, 0.5 m |
| 11077212 | Connection cable HS35P with connector MIL, 7-pin / connector D-SUB, 0.5 m |
| 11072169 | Connection cable with FCI, 8-pin / wire end sleeves (UL/CSA), 1 m |
| 11079111 | Connection cable with FCI, 8-pin / D-SUB, 9-pin, 1 m |
| 11135730 | Connection cable connector M12 / connector D-SUB, 1 m - Option 3232 |

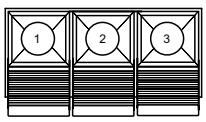
### Technical data

| | |
|---|---|
| Voltage supply | 2.6 - 3.2 VDC |
| Operating temperature | +10...+60 °C |
| Storage temperature | -20...+80 °C |
| Connection | Connector D-SUB, 9-pin, female<br>Cable terminals |
| Battery | 2x AA<br>(included in the delivery) |
| Weight approx. | 135 g |
| Protection DIN EN 60529 | IP 40 |

### Terminal assignment

| Connector D-SUB | Assignment | Cable terminal |
|---|---|---|
| Pin 1 | Encoder A+ (A) | Terminal 3 |
| Pin 2 | NC | – |
| Pin 3 | NC | – |
| Pin 4 | Encoder UB (+Vs) | Terminal 1 |
| Pin 5 | Encoder GND (0 V) | Terminal 2 |
| Pin 6 | NC | – |
| Pin 7 | NC | – |
| Pin 8 | NC | – |
| Pin 9 | NC | – |




Subject to modification in technic and design. Errors and omissions excepted.