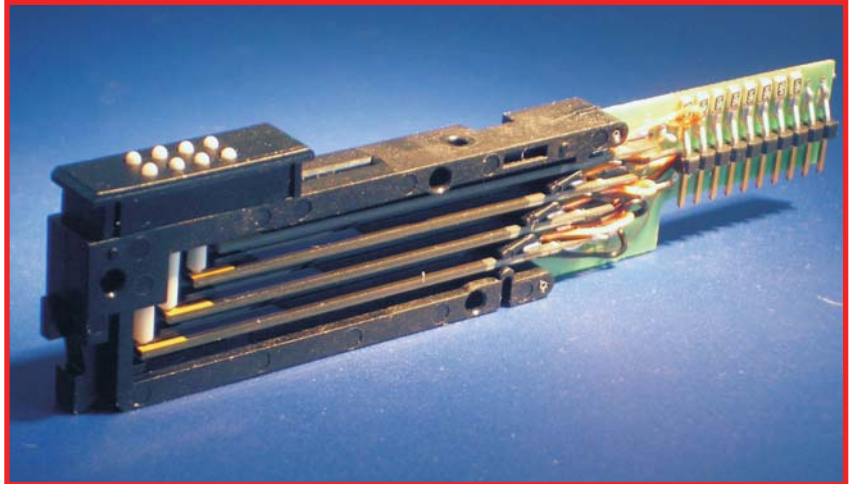
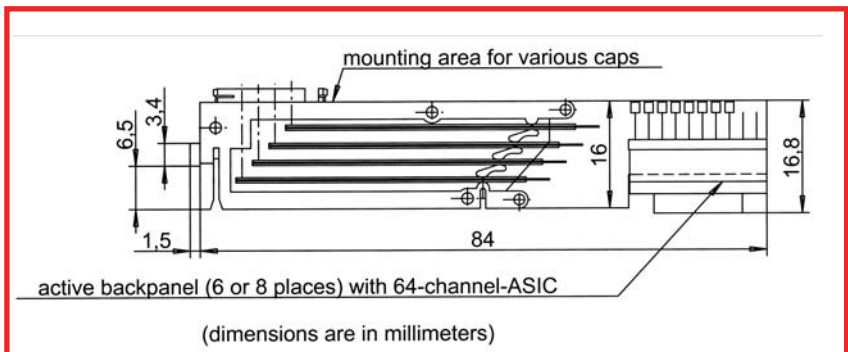


Modul P16



Dimensions



Description

Braille-cell with 8 dots, driven by piezo-actuators (bending type). Flat or concave tactile surface using active backpanel for 6 or 8 cells. Various tactile caps available (see data sheet "caps P16"), with or without actuators for separate interaction switches.

Data

Dimensions (w x h x d): 6.42 x 16.8 x 84 mm
Dot spacing: 2.45 mm
Dot stroke: ca. 0.7 mm
Cell spacing: 6.42 mm

Use of metal tray is recommended

Tactile force: min. 17 cN

Connector: SIL 2.0 mm, 10 pins

Drive electronic: Low-power electronic on active backpanel for 6 or 8 cells.

Modul P16

Data

Power requirements:

200 V +/-10%: absolute max. rating 240 V
1,2 µA typ. per dot

Dot rising time: 24 ms

Connector pinning: Dot 7 (200V = dot down)
(front to rear)

Dot 8
Dot 3
Dot 6
Dot 2
Dot 5
Dot 1
Dot 4
GND
200 V

Environmental Specifications:

Operational: Temperature 10 °C to 40 °C
Humidity 10 % - 70 % RH non
condensing

Storage: Temperature -15 °C to 60 °C
Humidity 5 % - 90 % RH non
condensing

Accessories: Metal trays
Passive Backpanel
Caps

Average piezo actuations: > 10⁹

