

New!

PR series

Stainless steel keypads

Distinctive features and specifications

CPR1704-A



- ☐ Recessed, flush or raised key according to panel thickness
- ☐ Rear or front mounting
- ☐ Compact version: 14 mm round keys
- ☐ Panel sealed to IP65
- ☐ Custom markings on request

ENVIRONMENTAL SPECIFICATIONS

- Front panel sealing : IP65 according to DIN 40050-9
- Operating temperature : -20°C to +70°C
- Storage temperature : -40°C to +85°C
- Impact resistance : IK07 according to EN 50102
- Flame resistance : 30 seconds. With lighters, matches, cigarettes (vertical position with direct flame on keys)
- Salt spray : 96 hours according to IEC 512-6, test 11f
- Washable : most commonly used detergents and solvents

MATERIALS

- Frame : 304 stainless steel
- Keytops : 316L stainless steel
- Key holders : ABS UL V0
- PCB : FR4
- Seal : silicone
- Contacts : gold plated

ELECTRICAL SPECIFICATIONS

- Output type : matrix (NO contacts)
- Max. current/voltage rating with resistive load : 50mA 12VDC
- Initial contact resistance ON : 10Ω max.
- Insulation resistance : 1GΩ min. at 500VDC
- LED backlight : 12 VDC (standard version)

GENERAL SPECIFICATIONS

- Contact force :
4 N ± 0,5 N (non-illuminated version)
3,5 N (illuminated version)
- Stroke : 0,5 mm
- Low level or mechanical life : 1 million cycles
- Panel thickness : 2 mm (standard version)
- Connection : male connector

Dimensions : First dimensions are in mm while inches are shown as bracketed numbers.

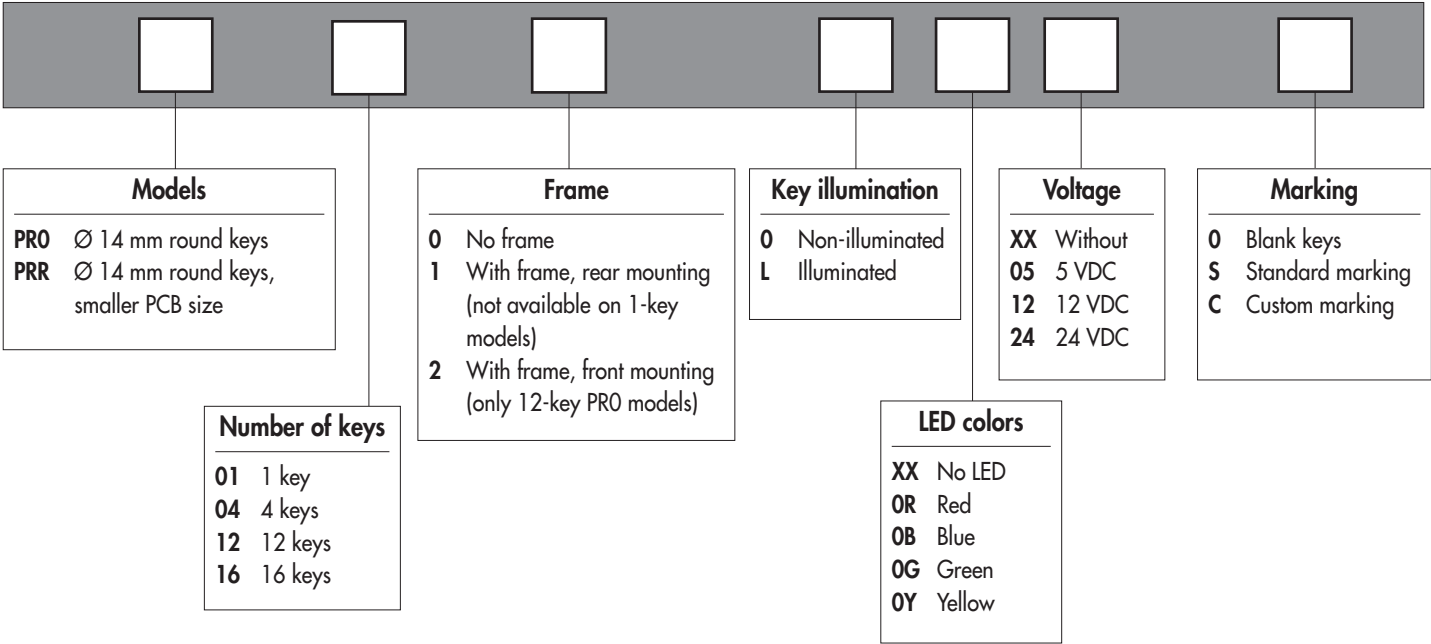
The company reserves the right to change specifications without notice.

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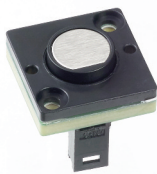
Overview - models

New!



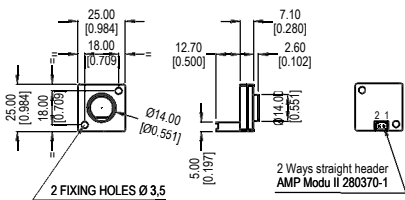
Some configurations are shown below and on the following pages. Other drawings are available on request.

Single key model

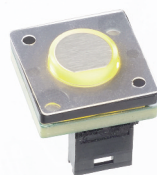


PR00100

Customer Panel CUT-OUT Ø 14.5 mm

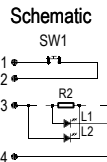
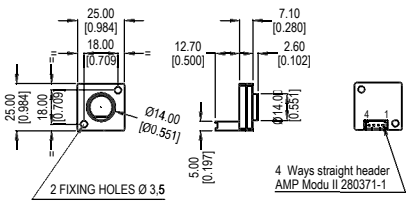


Single key model - illuminated



PR0010L

Customer Panel CUT-OUT Ø 14.5 mm



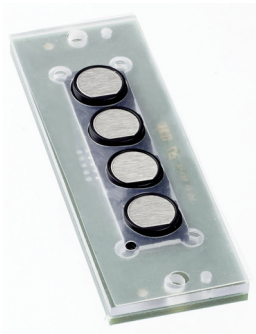
New!

PR series

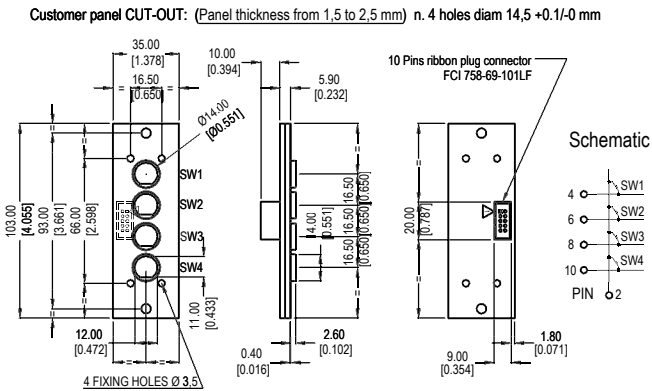
Stainless steel keypads

Models

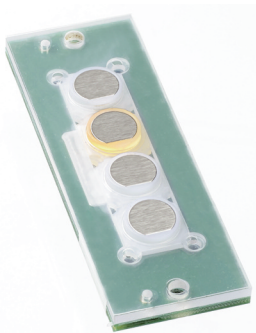
4-key model



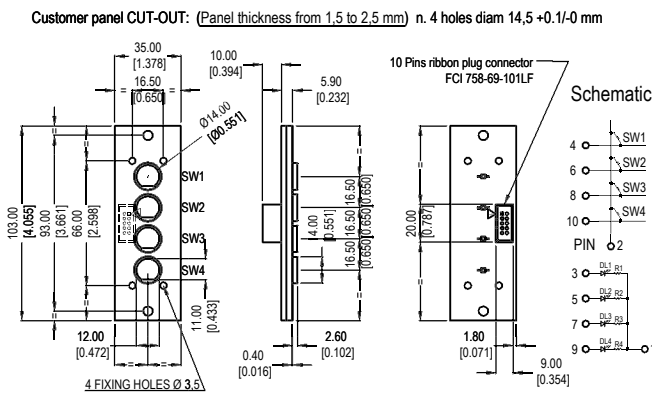
PR004000



4-key model - illuminated



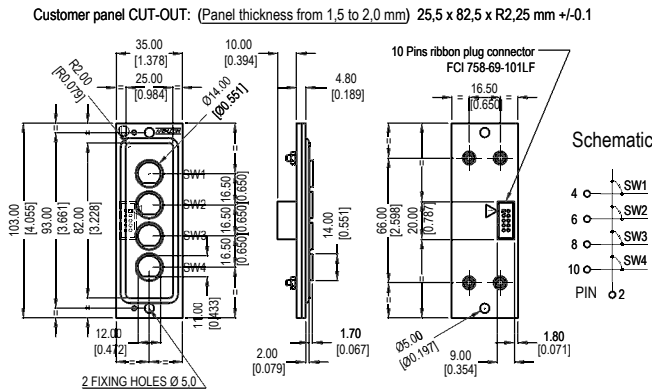
PR0040L



4-key model - with frame - rear mounting



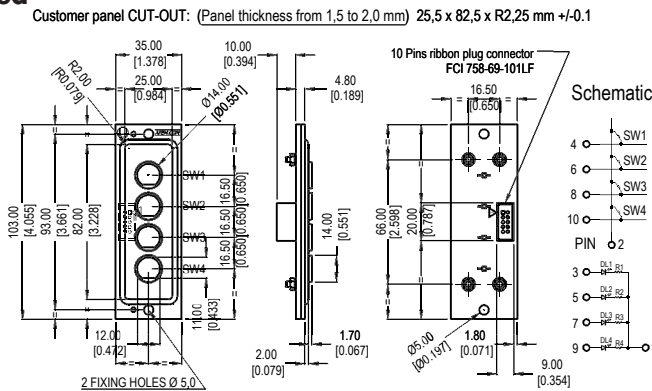
PR00410



4-key model - with frame - rear mounting - illuminated



PR0041L



PR series

Stainless steel keypads

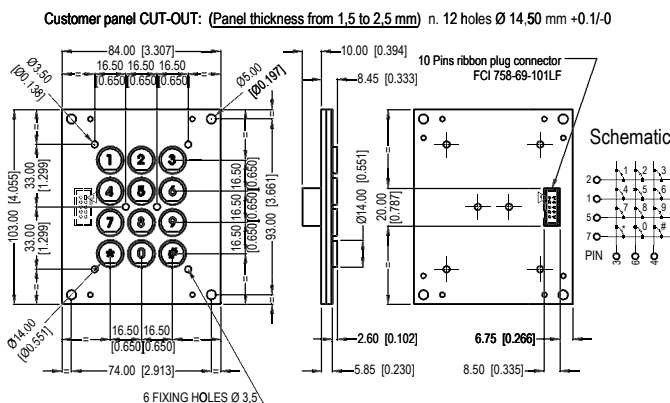
Models

New!

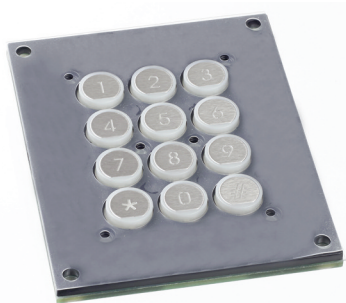
12-key model



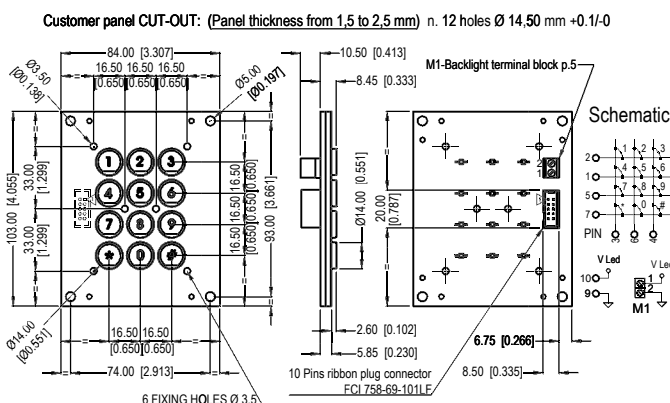
PR01200



12-key model - illuminated



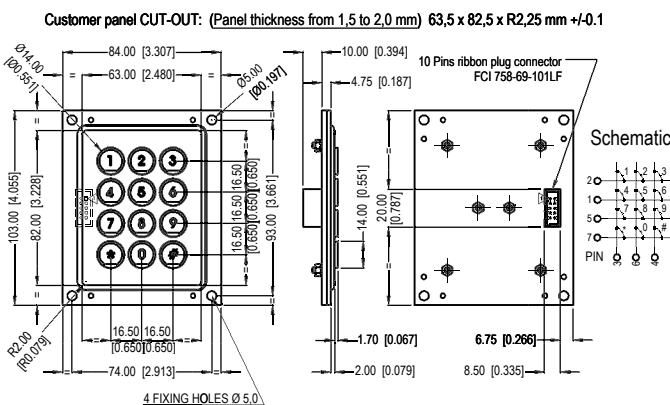
PR0120L



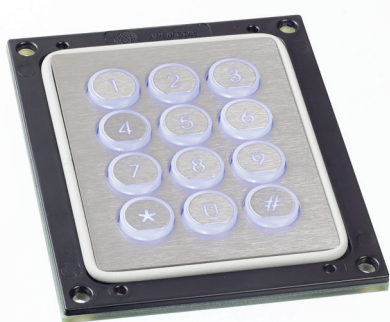
12-key model - with frame - rear mounting



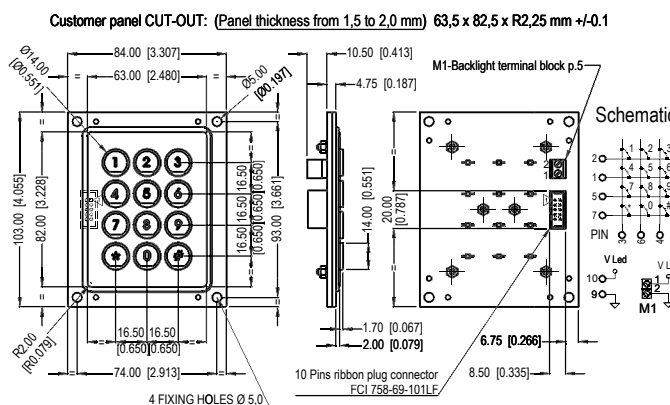
PR01210



12-key model - with frame - rear mounting - illum.



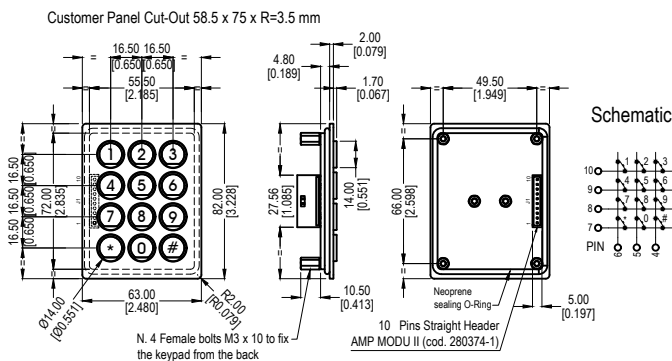
PR0121L



12-key model - with frame - smaller PCB size



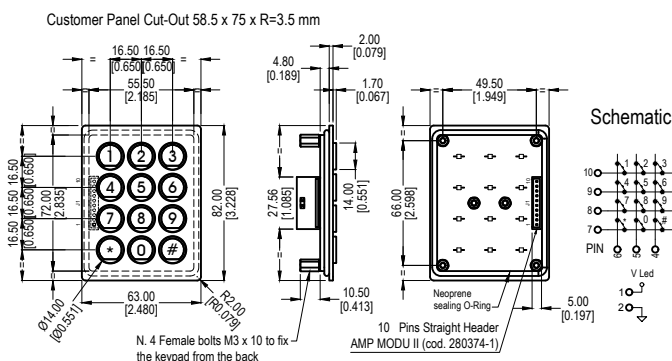
PRR1220



12-key model - with frame - smaller PCB size - illuminated



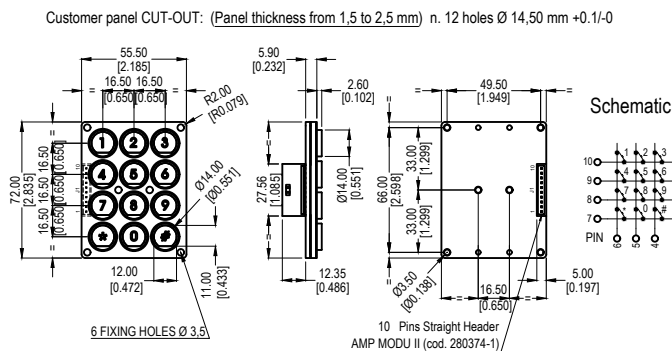
PRR122L



12-key model - smaller PCB size



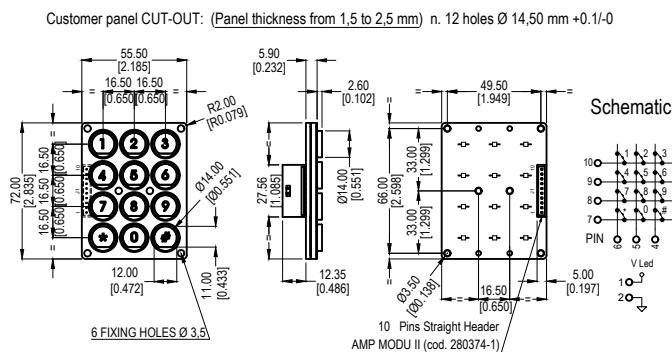
PRR1200



12-key model - smaller PCB size - illuminated



PRR120L



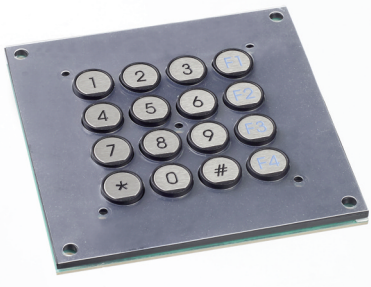
PR series

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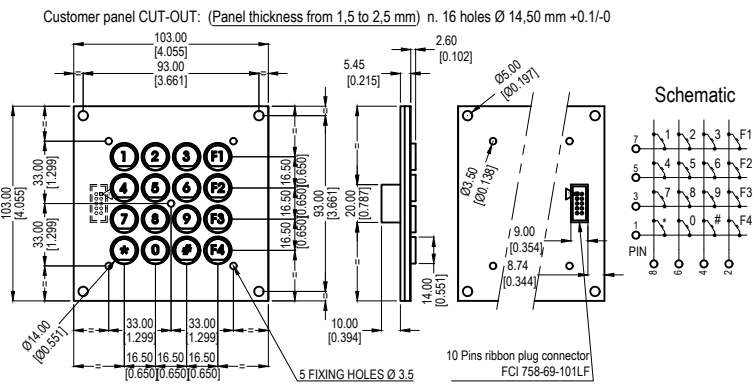
Models

New!

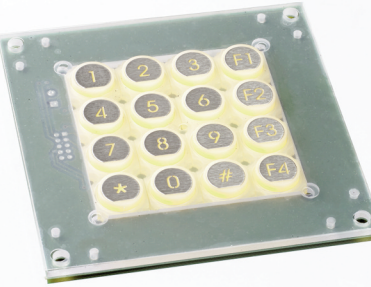
16-key model



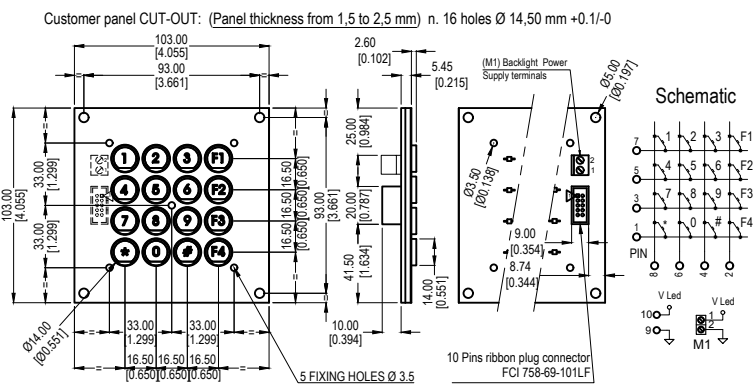
PR01600



16-key model - illuminated



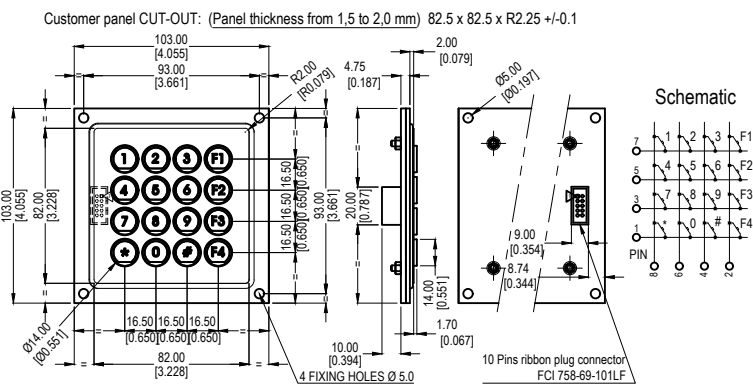
PR0160L



16-key model - with frame - rear mounting



PR01610



16-key model - with frame - rear mounting - illuminated



PR0161L

