Series 88 Sealed Keypads

Versatile keypads that work indoors or outdoors.

Temperature: -20°C ~ 75°C  • IP68 per IEC 529

Switch Resistance "OFF": >5M Ω

Rated Voltage: 24 VAC or VDC  • Rated Current: 200mA maximum, 1A if requested

Switch Resistance "ON": 10 Ω

Vending machines  • Lifts  • Food industry  • Mining equipment  • Chemical and petrochemical industry

Advantages:
The switch function is based on the physical principal of the Piezo effect. The external push force activates a Piezo

Grayhill’s Series 96 are their most economical 3x4 and 4x4 keypad family. They have such features as conductive rubber ... an operational life of 3 million operations and a good tactile feel for positive feedback to the operator. GH5001 thru

Grayhill's Series 96 Keypads

Fig. 1

Rear Mount

Front Mount

12-Key with Blank keys for use with Legend sheets below ............................... GH5018-N7 18.73 16.44 14.06 88A82

16-Key with Blank keys for use with Legend sheets below ................................ GH5019-N7 20.62 18.67 16.82 88B82

Series 96 Sealed Keypads

Fig. 2

Fig. 3

Fig. 4

Material and Finishes: • Housing: ABS polycarbonate, black • Graphic Overlay: Polyester • Contact Dome: Stainless steel, selectively gold plated • Terminal: Copper alloy. CDA No. 725, Tin lead plated.

88-001

12-Key Keypad with Blank keys for use with Legend sheets below ............................... GH5018-N7 18.73 16.44 14.06 88A82

16-Key with Blank keys for use with Legend sheets below ................................ GH5019-N7 20.62 18.67 16.82 88B82

Legend Sheet, Small Print lettering for Blank Keys, dry transfer type ................... GH5002-N7 7.38 3.75 2.48 87-ST-2000-008

Legend Sheet, Medium Print lettering for Blank Keys, dry transfer type ............. GH5003-N7 7.38 3.75 2.48 87-ST-2000-125

Legend Sheet, Large Print lettering for Blank Keys, soft adhesive type ............. GH5004-N7 2.53 4.94 3.98 87C304

Clear Protective Overlay for 12 Key Keypad (protects your customized lettering) ................... GH5007-N7 11.17 10.67 9.32 88B82-001

Clear Protective Overlay for 20-Key Keypad (protects your customized lettering) ................... GH5007-N7 15.48 14.63 13.21 88B201

Optional Panel Gasket Seal for all 20-Key Series 88 Keypads - Subpanel Mount.................. GH5029-ND 1.32 1.25 .99 88M001-2

Optional Panel Gasket Seal for all 16-Key Series 88 Keypads - Top Panel Mount................. GH5032-ND 1.69 1.60 .12 88M101-1

Optional Panel Gasket Seal for all 20-Key Series 88 Keypads - Top Panel Mount................... GH5033-ND 1.73 1.64 1.31 88M001-1

Series 96 Clear Key Keypads — Customize Your Own Keypad Layout

Series 96 Keypads

Grayhill’s Series 96 are their most economical 3x4 and 4x4 keypad family. They have such features as conductive rubber contacts with an operational life of 3 million operations and a good tactile feel for positive feedback to the operator. GH5001 thru

Proper Design

Characteristics

- 12-Key with 2 legend sets - 4-L, 1-9, 7, 4

Features:
- Adhesive backed for easy mounting - Tactile feedback on all keys - Attached: 1 female connector - Legends easily swapped - Allows for custom legends - Flip-embossed keys for finger placement - Spars proof, sealed switches - Low profile height (500 inches)

Specifications:
- Contact Rating: 0.5A, 100mA, 30VDC maximum • Actuation Force: 300 grams • Contact Bounce: Below 10ms; typical - Travel: 0.67 - 0.9mm typical • Operating Temperature: -10°C ~ 70°C • Materials: Overlays: Polyethylene/nylon blend with uniform low gloss fine texture • Connector: Single row female connector, tin lead plating

Cannon

Sealed Membrane Keypads

with Removable Legends

12-Key with 2 legend sets - 4-L, 1-9, 7, 4

Features:
- Adhesive backed for easy mounting - Tactile feedback on all keys - Attached: 1 female connector - Legends easily swapped - Allows for custom legends - Flip-embossed keys for finger placement - Spars proof, sealed switches - Low profile height (500 inches)

Specifications:
- Contact Rating: 0.5A, 100mA, 30VDC maximum • Actuation Force: 300 grams • Contact Bounce: Below 10ms; typical - Travel: 0.67 - 0.9mm typical • Operating Temperature: -10°C ~ 70°C • Materials: Overlays: Polyethylene/nylon blend with uniform low gloss fine texture • Connector: Single row female connector, tin lead plating

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