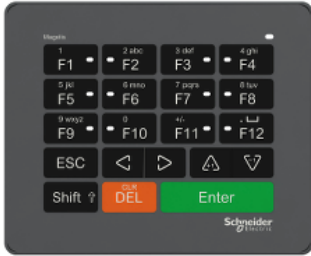# Product data sheet

Specifications

USB keyboard - 12 function - keys with LEDs integrated - alphanumeric input

HMIZKB1

Main

Range of product	Harmony HMIZ
Product or component type	Keyboard
Product compatibility	HMIGXO HMISTU HMISTO HMIGTO HMISCU
Device application	Industrial machines Food and beverage
Provided equipment	1 x user manual 1 x tightening wrench 1 x anti-rotation tee 1 x USB cable type A/mini-B (with 1.8 m 1 x USB type mini-B cable clamp 1 x fixing nut 1 x replaceable label for function keys

Complementary

Software designation	Vijeo Designer version >= V6.2
Connector type	Mini B USB
Number of key	20
Number of customisable keys	12 with integrated LEDs
Colour of cover	Front dark grey cover
[Us] rated supply voltage	5 V DC, connector type: USB 2.0
Supply voltage limits	4.75…5.25 V DC
Power consumption in W	0.75 W
Shock resistance	147 m/s² for 3 chocks in each direction X, Y and Z conforming to IEC 61131-2
Electromagnetic compatibility	Electrostatic discharge immunity test - test level: 8 kV (air discharge) conforming to IEC 61000-4-2 Electrostatic discharge immunity test - test level: 6 kV (contact discharge) conforming to IEC 61000-4-2 Electrical fast transient/burst immunity test - test level: 2 kV (power ports) conforming to IEC 61000-4-4 Electrical fast transient/burst immunity test - test level: 1 kV (signal ports) conforming to IEC 61000-4-4
Mounting location	Flat surface
Quantity per set	1 piece
Height	80 mm
Width	97.6 mm
Depth	31.5 mm
Net weight	0.15 kg

Environment

Ambient air temperature for storage	-20…60 °C
Ambient air temperature for operation	0…55 °C
Relative humidity	10…90 % at 0…39 °C non-condensing
Pollution degree	2
Environmental characteristic	Corrosive gas free
Operating altitude	<= 2000 m
Vibration resistance	3.5 mm (f= 5…9 Hz) conforming to IEC 61131-2
IP degree of protection	IP65 (front panel (in enclosure))
NEMA degree of protection	NEMA 4X for indoor installation installation NEMA 4X for enclosed outdoor installation
Standards	EN 61000-6-4 CSA C22.2 No 213 EN 61000-6-2 CSA C22.2 No 142 ANSI/ISA 12.12.01 EMC 2004/108/EC UL 508
Product certifications	CE RCM EAC UL/cUL listed
Level or class	Class I Division 2 Groups A/B/C/D

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	300.0 g
Package 1 Height	7.0 cm
Package 1 width	13.5 cm
Package 1 Length	18.5 cm
Unit Type of Package 2	S03
Number of Units in Package 2	100
Package 2 Weight	30.0 kg
Package 2 Height	30.0 cm
Package 2 width	30.0 cm
Package 2 Length	40.0 cm

Offer Sustainability

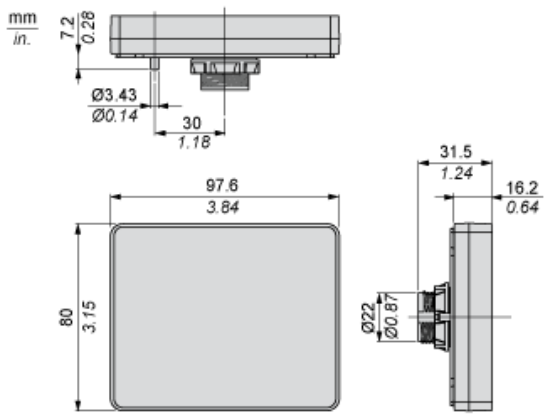|	
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

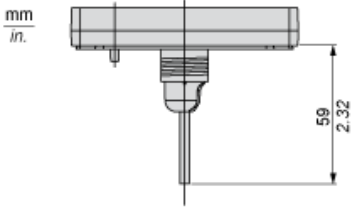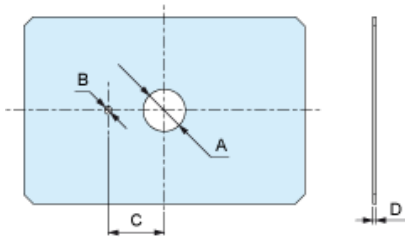# Contractual warranty

Warranty 18 months

HMIZKB1

Dimensions

Dimensions with Cables

mm
in.

59
2.32

Product data sheet

Mounting and Clearance

Mounting of Panel Cut-Out

Dimensions in mm

A	B	C	D
$22.50_{-0.30}$	$4_{-0.20}$	$30_{-0.20}$	1.5...6

Dimensions in in.

A	B	C	D
$0.88_{-0.01}$	$0.15_{-0.007}$	$1.18_{-0.007}$	0.06...0.23