Selection diagram

FRONT CONNECTION

A
A-type USB 3.0 integrated socket
High speed

C
A-type USB 2.0 integrated socket

EXTERNAL BEZEL COLOUR

1
black

9
satin chrome

FIXING RING

1
Plastic ring

3
Metal ring

REAR OUTPUT

AK
A-type USB integrated socket

N•
Output with PVC cable and A-type USB male connector

Code structure

Attention! The feasibility of a code number does not mean the effective availability of a product. Please contact our sales office.

E2 1USB9CAK

Fixing ring and shaped ring	
1	Plastic ring (standard)
2	Plastic fixing ring and shaped ring
3	Metal ring
4	Metal ring and shaped ring

External bezel colour	
1	black (standard)
9	satin chrome (standard)

Rear connection	
AK	A-type USB integrated socket
N0.8	Output with PVC cable (length 0.8 m) and A-type USB male connector
N1.8	Output with PVC cable (length 1.8 m) and A-type USB male connector
N3	Output with PVC cable (length 3 m) and A-type USB male connector
N5	Output with PVC cable (length 5 m) and A-type USB male connector (available only via USB 2.0)

Front connection	
A	A-type USB 3.0 integrated socket
C	A-type USB 2.0 integrated socket

Technical data

General data

Connections:	USB 3.0 or USB 2.0
Protection degree:	IP67 acc. to EN 60529
	(with closed cap)
Ambient temperature:	-25°C … +70°C
Tightening torque of the ring:	2 … 2.5 Nm
Utilization requirements:	see page 149

In compliance with standards:

IEC 60947-1, IEC 60947-5-1, IEC 60204-1, EN 60947-1, EN 60947-5-1, EN 60204-1, EN 50581, UL 508, CSA 22-2 N°144

Compliance with the requirements of:

Low Voltage Directive 2014/35/EU, EMC Directive 2014/30/EU, RoHS Directive 2011/65/EU.

Features approved by UL

Ratings: 1.8 A (Supplied by class 2 or limited energy external power supply source)
With port cover in open position "For Use on a Flat Surface of a Type 1".
With port cover in close position "For Use on a Flat Surface of a Type 1, 4X, 12 and 13".
Tightening torque 2.0 Nm.

Please contact our technical department for the list of approved products.

Main features
• Two data transfer speeds
• Protection degree IP67
• Version with socket/socket
• Version with socket / cable with male connector

Quality marks:

$C \in$ c(UL)us EAC

UL approval:	E131787
EAC approval:	RU C-IT.YT03.B.00035/19

General data

USB 3.0 High Speed

SS

The USB socket for Ø 22 mm buttons uses latest-generation USB 3.0 connectors, in order to offer maximum data transfer speed. Moreover, the socket is also backward compatible with previous USB connectors.
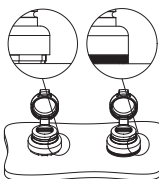The data transfer speed depends on the chain of devices connected to the USB port, and the operating system used.

USB 2.0

The USB socket for Ø 22 mm buttons is also available with USB 2.0 connectors and standard data transfer speed. This option offers the best value for money.

Versions with socket and with cable

For making device installation flexible and suitable for any situation there are two versions available:

- with socket-to-socket connection

- with female connector / cable with male connector (available in different lengths)

Shaped ring

The shaped ring can be used when no label holder or other devices are applied; it prevents dirt and other residues from settling between the socket and the panel or housing.
This turns out to be particularly useful in the sectors where high standards of cleanness and hygiene are required.
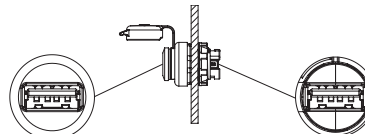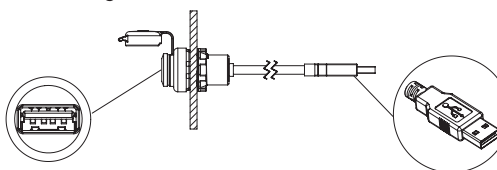
Integrated protection cap

The protection cap integrated in the device ensures maximum resistance, preventing any water or dirt to get inside.
The cap remains attached to the device even when it is not fastened, avoiding it to get lost; besides, its design allows the mounting of label holders.

Dimensions

All values in the drawings are in mm

$a = 0.8 / 1.8 / 3 / 5$ m