

FAQ - Frequently asked questions

FORTEC
INTEGRATED

BLO-LINE® A1 MONITORS

Can the BLO-Line® A1 be hung tilted forward?

To comply with fire protection class A1 according to DIN EN13501-1, this monitor must be mounted directly and flat on a wall so that flames cannot get behind the monitor in the event of a fire.

Can the BLO-Line® A1 be hung from the ceiling?

To comply with fire protection class A1 according to DIN EN13501-1, this monitor must be mounted directly and flat on a wall so that flames cannot get behind the monitor in the event of a fire.

How the monitor is connected?

Basically, the best solution for fire protection is to place the connections behind the monitor. Power connection and Internet access are thus covered and protected by the monitor. For cases in which this is not possible for structural reasons, FORTEC Integrated offers the option of cable duct to also lead the connections from outside to the monitor.

How long is the cable duct connection that protrudes from the housing?

The cable duct connection that protrudes from the monitor has a length of 100.5 mm and is used to connect a fire-proof cable duct. The cable duct is installed right up to the monitor via the connection on the monitor.

Does the BLO-Line® A1 have an IP classification?

The monitor is mounted flush to a wall and has no slots or openings when mounted. It can be assumed that it will achieve protection class IP 40 or higher when installed.

Are BLO-Line® monitors protected against vandalism?

The monitors have a robust metal housing and a 6.5 mm (with touch) or 7 mm (without touch) thick fire protection glass, so that the monitors are protected against rough external influences. Furthermore, it is protected against unintentional unhooking by two safety screws each.

Is there a WLAN interface for the BLO-Line® monitors?

For the devices with IQ and IoT solution, a WLAN or LTE stick can optionally be plugged into one of the existing USB interfaces.

Can the BLO-Line® A1 monitors be protected against theft?

The monitors are protected against theft by safety screws, so that it is not possible to remove the monitors from the wall mount without big effort.

Can the device also be hung up outdoors?

The device has no increased IP protection and can therefore not be hung outside.

How much installation effort is needed compared to a fire protection enclosure?

The BLO-Line® A1 is supplied complete with a wall mount that allows the monitor to be flush with the wall. This wall mount only needs to be fixed, the monitor hung in and secured against theft with the security screws. This requires little effort, comparable to the installation of a consumer TV.

With a fire protection enclosure, on the other hand, a large amount of work is required for the installation of a monitor. This is due to the complex assembly and installation of the various individual parts, some of which even have to be glued together, the

much higher weight of the monitor enclosure and, of course, the fact that a monitor with mounting must also be installed in the enclosure.

What is the difference between BLO-Line® monitors with fire protection class A1 and POS-Line BLO monitors with fire protection class B-s1, d0?

The BLO-Line® monitor series achieves fire protection class A1 (non-flammable, no smoke emission, no burning dripping) according to DIN EN13501-1 while the POS-Line BLO monitors achieve fire protection class B-s1, d0 (flame-retardant, no smoke emission and no burning dripping).

The POS-Line BLO Monitors are equipped with a VESA mount. BLO-Line® monitors can be mounted on a wall with a wall mount included in the delivery.

The POS-Line BLO monitors are available in sizes from 31.5" to 54.6". The BLO-Line® monitors are available in sizes from 24" to 64.5". A touch version is only available for the BLO-Line®. It is available in sizes from 24" to 54.6". Exclusively for the BLO-Line® an integrated extinguishing capsule is optionally available.

The POS-Line BLO monitors are available with our video card PME and with an integrated IQ Atom PC. The BLO-Line® monitors are also available with our video card PME and integrated IQ Atom PC and furthermore with our IoT solution with Raspberry Compute Module and our VideoPoster.

Which screw size can be used for the BLO-Line® wall mount?

The diameter of the holes for mounting the wall mount is 5 mm for sizes 24" to 46" and 9 mm for sizes 54.6" and 64.5". The customer must select a suitable mounting according to the construction of the wall.

Can the cable duct be used to install external sensors?

Which cables can be put through the cable duct is at the decision of the customer.

On which side of the monitor is the position of the cable duct connection in the BLO-Line® series?

The cable duct connection is always located on the bottom side of the monitors. The only exception is the version in 54.6". This can also be delivered with a cable duct connection on the top.

From which diagonal upwards can the monitors be opened from above or below?

The BLO-Line® monitors can be opened from 24" to 42" from the bottom and from 46" to 64.5" from the top. More detailed information about the assembly can also be found in our assembly instructions, which can be found on our homepage distec.de.

Is the device suitable for F90?

The fire resistance classes F30, F60, F90 are tested according to the previous German standard DIN4102. Here, the code letter F stands for walls, ceilings, but also fire protection glasses with shielding effect. The identification number behind this code letter means that the component fulfills its function for at least 30 minutes, for example. Our devices are tested according to the European standard for building products DIN EN13501-1. Here the fire load is evaluated, this means the fire behaviour, the smoke gas development and burning dripping.

This is a different test method in which it is not the functional integrity that is assessed, but the danger that the device poses in the event of a fire. We still use fire protection glass. With the BLO-Line® monitors without touch, this fulfills class E30 (room closure) according to DIN EN13501-1 and with those with touch EW30 (room closure with additional radiation reduction).

FURTHER INFORMATION

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