



**C.S.S**  
MICRO SYSTEMS



# AssistX Call

English Version

AssistX Call is equipped with 2 AssistX ports. These can be connected to any 2 single sensors or push buttons or AssistX port compatible sensors. AssistX Call is delivered to fit the corresponding call system. The power supply, if supported, is provided by the connected call system. If this is not possible, the power supply is provided by an external power supply, protected by a backup battery with several hours of runtime.

AssistX Call is a sensor adapter for luminous call systems and enables call triggering using special sensors (call triggers) which cannot be connected directly to the call system. For example, with AssistX Call the proximity sensor AssistX ProX, acoustic sensor AS one, sip-puff encoder Pneumax, infrared receiver AssistX IR one, or various push buttons, including large sized push buttons, can be used to call for help.

AssistX Call is powered by the call system or an external power supply. In both cases, the device works even in the event of a power failure in the network. When powered by an external power supply, the built-in lithium-polymer battery ensures full functionality for a few hours in case of power failure.

The device is individually configured for different call systems and delivered with a connection cable pre-configured to the call system.

## Inputs for call triggering

The sensors are connected to the two 3.5 mm input jack plugs. AssistX Call can add and distinguish between different sensors.

## Safety

The Assist X Call monitors safety-relevant parameters. If a proper function is no longer guaranteed, the device triggers a call; monitored are: Power supply to the control unit, Sensor error (cable break, ejection) and Function monitoring of the active transmitter  
Self-monitoring of the electronics.

A defective sensor cable or an inadvertently unplugged sensor can present a danger to the caller or third persons. If a sensor error is detected, a call is triggered. The error can be displayed visually and acoustically.

A defective cable can only be detected with sensors with a normally closed contact. (For example, with the proximity sensor AssistX ProX, the acoustic assistant AssistX AS one, Hy- Pneumax or the PikoButton NC).

For single sensors with a normally open contact, it is not possible to detect a defective cable for technical reasons. In order to achieve the highest possible degree of safety in these types of sensors as well, single sensors with normally open contact must be operated at least once every 24 hours. As a rule, this is guaranteed in everyday nursing care. If the 24 hours are exceeded without the sensor being activated, a signal light on the AssistX Call flashes and signals that the sensor is no longer considered safe and must be activated. If activation is detected, the LED goes out again. The call is triggered in parallel.

However, a sensor test can also be manually requested at any time by the nursing staff (morning routine).

### **Technical data:**

Power supply: Power supply via call system 6.5 - 36V DC Ext.

Power supply, max. 500mA with bridging of power failure by LiPo battery min. 24 hours  
Sensor sleeve: 2x jack plug 3,5 mm, AssistX port

Dimensions: 74 x 74 x 26 mm

#20445 AssistX Call - Call system interface incl. individual connection to the luminous call system