



# PRODUCT DATA SHEET

## PCH 1220 Mk2 COMPACT VIBRATION GUARD



**Weight:** Approx 110 g  
**Connector:** M 12  
**Cable (option):** 2, 5, 10 m  
**Mounting:** Threaded stud, M 8 mm

### Ordering

Article code PCH1220/CHF8545/PA0 = 7.5 mm/s  
 Ask for other options

### Options

CHA 1012 High Temperature adaptor, 90 °C radiation  
 CHL 1073 Cable with M 12 connector, L=1500 mm  
 CHL 1074 Cable with M 12 connector, L=3000 mm  
 CHL 1075 Cable with M 12 connector, L=5000 mm  
 CHL 1088 Cable w. M12 90° connector, L = 5000 mm  
 CHL 1077 Cable with M 12 connector, L=10000 mm  
 CHL 1058 Cable w. M12 90° connector, L =10000 mm

### Type

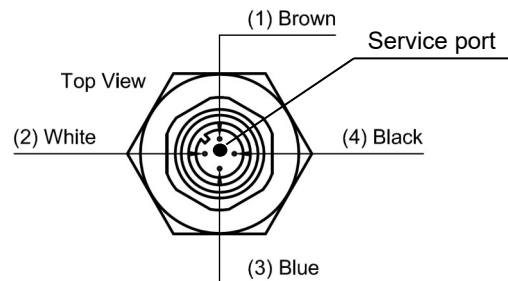
**Sensor type:** Capacitive accelerometer  
**Measuring parameter:** Velocity (mm/s),  
**Measuring accuracy:** ± 5 %  
**Frequency range:** 10 Hz - 1000 Hz, 18 db/oct  
 (-3 dB, -60 dB/dec)  
**Detector:** Average, aligned to RMS

### Alarm

**Alarm detector:** Alarm level at 7.5 mm/s,  
**Alarm relay:** Alarm relay, break  
**Max. relay voltage:** 30 V  
**Max. relay current:** 100 mA  
**Delay time:** 5 s  
**Alarm reset function:** Auto reset, when vibration-level drops below the pre-set alarm level  
**Status indicator:** Visual on LED:  
 Green: Power ON  
 Red: Alarm level reached

### Connection

**Grounding:** Ground (0 V) to chassis  
**Power supply:** +24 V DC, ± 10 %, max. 50 mA DC  
**Operating temperature:** -20 °C to +70 °C  
**Housing (IP65):** Stainless steel type 1.4305



Cable colours	Function PCH 1220 Mk2
Brown (1)	+ 24 VDC±% Power Supply
Blue (3)	- Ground (common)
Black (4)	Relay, max 30 VDC, 100 mA
White (2)	Relay, max 30 VDC, 100 mA
Pin (5)	Service port, not to be used
Ground	GND is connected to housing
Screen	CHL-Cables have screen connected to sensor housing