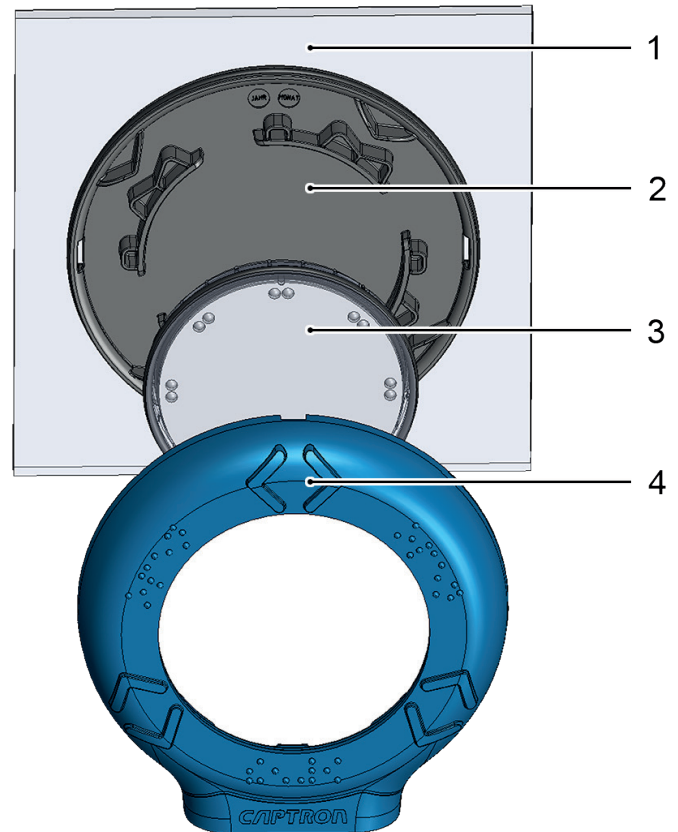


The new CHT7 SENSORswitch

- Significantly simplified assembly, complete without MH-95 mounting aid
- New BF7-95 mounting flange allows easy positioning directly on the profile
- The new AR5-2X# cover color ring is downward compatible with the current BF-95 and BF-95/PL mounting flanges
- TSI-PRM certified (variant dependent) Regulation (EU) 1300/2014
- No change in external dimensions

1	Glass pane
2	BF7-95 mounting flange mountable without MH-95 mounting aid
3	SENSORswitch not combinable with the current BF-95 and BF-95/PL mounting flanges
4	AR5-2X# cover color ring downward compatible, new design



Angle variations



Color variations



RAL 5015



RAL 6024



RAL 3020



RAL 1023

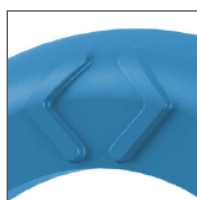


RAL 7042

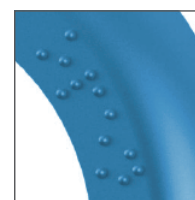


RAL 9017

Possible embossed pictograms



Braille characters

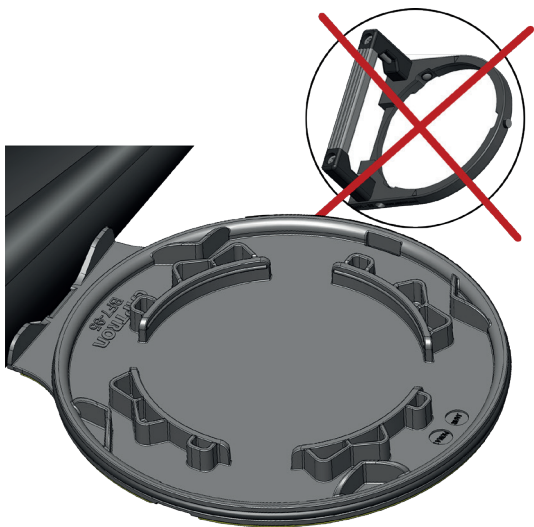


The new CHT7 SENSORswitch

**CHT7-2
New design**

Deliverable as of: 03/2017

- Significantly simplified assembly, complete without MH-95 mounting aid
- New BF7-95 mounting flange allows easy positioning directly on the profile



- The new AR5-2X# cover color ring is downward compatible with the current BF-95 mounting flange



- TSI-PRM certified (variant dependent)
Pursuant to Directive 1300/2014
- No change in external dimensions

**CHT7-1
Current design**

Deliverable by: 15.12.2019


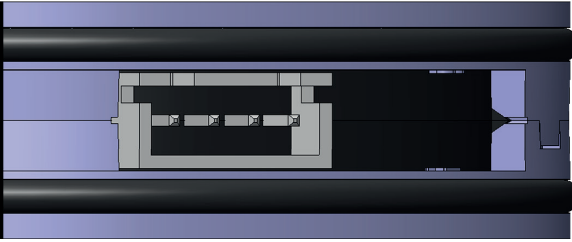
- Current BF-95 mounting flange, an exact positioning on the profile is only possible with the MH-95 mounting aid
- Current BF-95 mounting flange, not combinable with new sensor



- The current AR5-1X# cover color is not compatible with the new BF7-95 mounting flange



The new CHT7 SENSORswitch

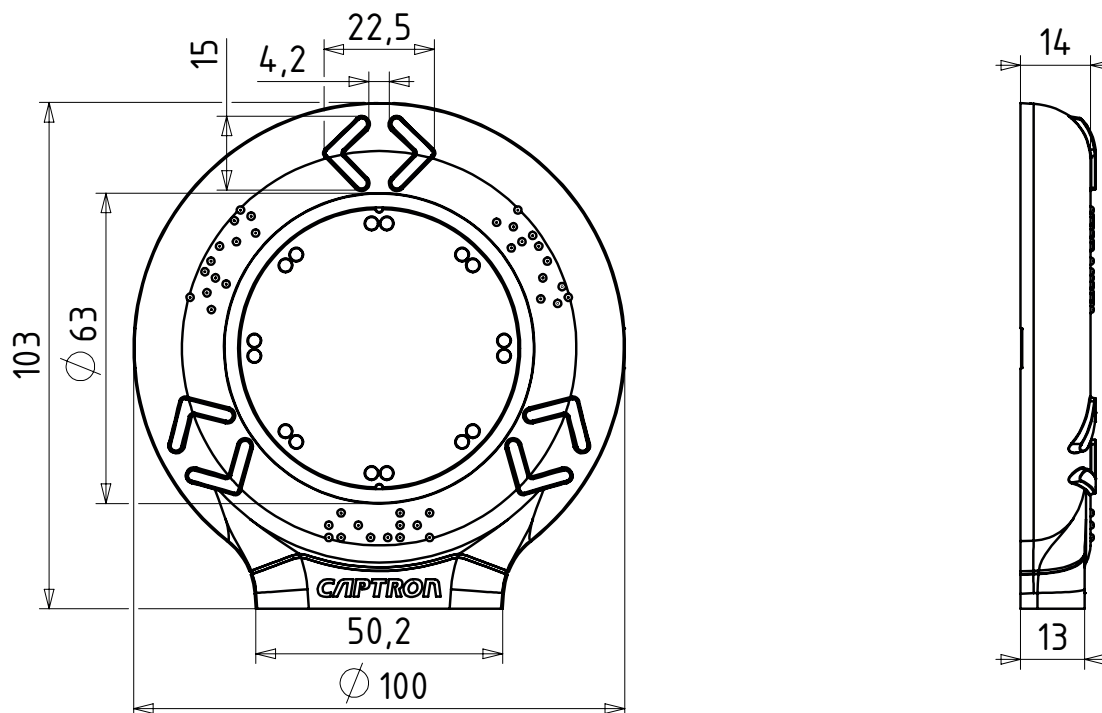
CHT7-2 New design	CHT7-1 Current design
Deliverable as of: 03/2017	Deliverable by: 15.12.2019
<p style="text-align: center;">New SENSORswitch</p> 	<p style="text-align: center;">Current SENSORswitch</p> 
<p>Due to the flatter structure of SENSORswitch, the new CHT7 is not combinable with the current BF-95 mounting flange.</p> <p>The possible combinations are listed in the table below.</p>	

	Current BF-95 mounting flange	Current SENSORswitch	Current AR5-1X# cover color ring
New mounting flange BF7-95		✘	✘
New SENSORswitch	✘		✘
New cover color ring AR5-2X#	✔	✔	

The new CHT7 SENSORswitch

Technical data at 24 V and 20 °C	
Operating voltage	DC 24 V (16.8...32 V)
Load current	Max. 400 mA
Output	PNP-NO
Output impulse	Ca. 300 ms
LED 1	8 green LEDs
LED 2	8 red LEDs
Reverse polarity protection	Protects all cables
Short circuit protection	Protected against short circuit and overload
Voltage drop	Max. 3 V at 400 mA
Current consumption	Max. 20 mA at 24 V
Operating temperature	-30...+80 °C
Protection degree IP	Front and rear IP69K, IP20 connector
Type of operation	Capacitive
Operation force	No operation force required
Connection	JST Connector

Dimension drawing CHT7



All dimensions in mm

As of: 2017_03_21