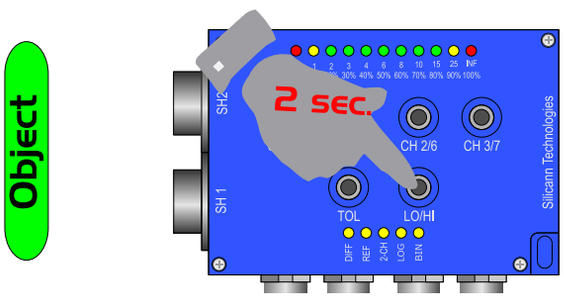
PCS-III Operation

1. Automatic Signal Adjustment

Pictures are only thought symbolicaly; fiber optics are not shown



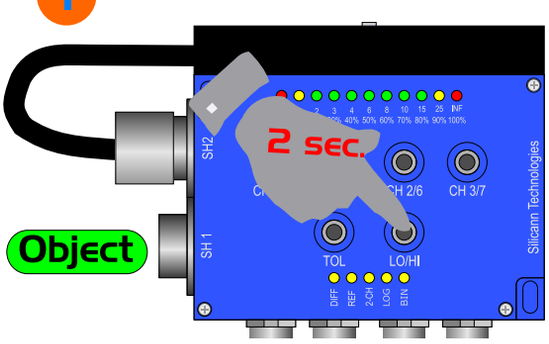
- Adjust fiber to brightest object
- press LO/HI for at least 2 sec.
- Sensor signal level is set to 70%

(in REF mode only Channel 1 is considered for adjustment; see section 2)

2. Store reference value

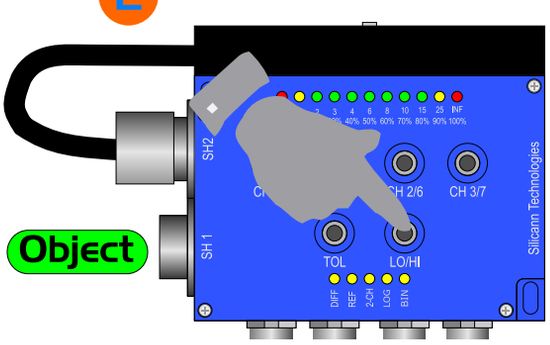
(only REF mode)

1



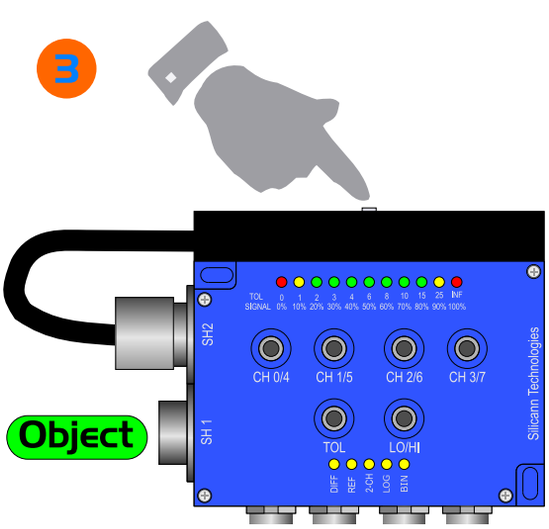
Adjust signal range for channel 1 (see section 1)

2



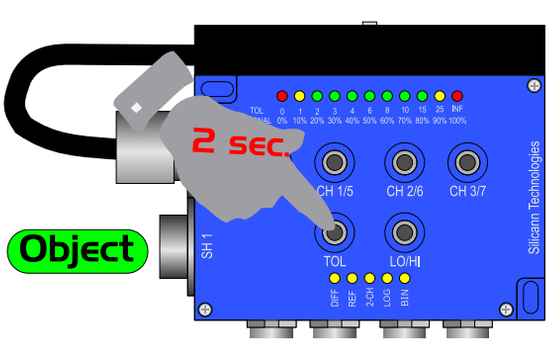
Shift channel, level monitor shows the signal level of channel 2

3



Adjust knurled nut to reach a signal level between approx. 20 to 80%

4



Store reference value

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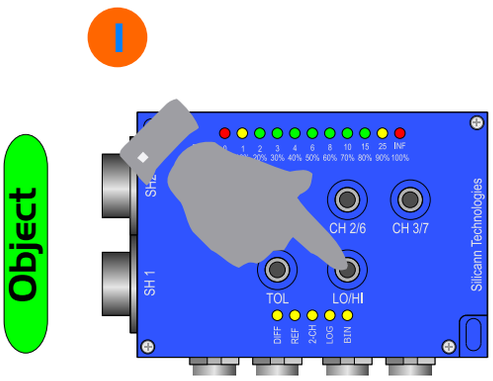
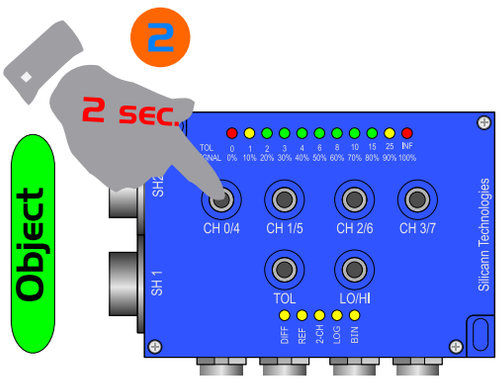
PCS-III Operation

3. Teach color



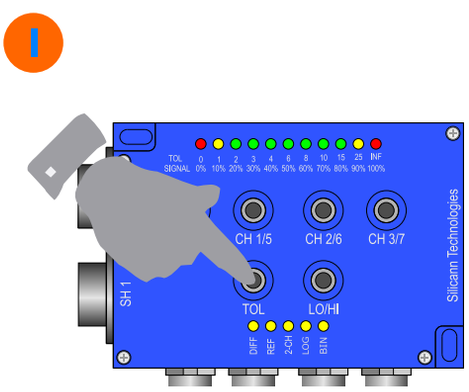
optional: select storage area
LO/HI lamp off: storage locations 0..3 activ
LO/HI lamp on: storage locations 4..7 activ

in 2-CH and LOG mode with the LO/HI-button
the sensor input is selected: LO-SH1; HI-SH2

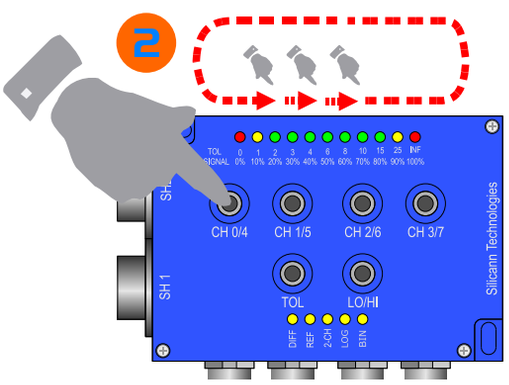


Store color onto desired storage location

4. Adjust tolerance

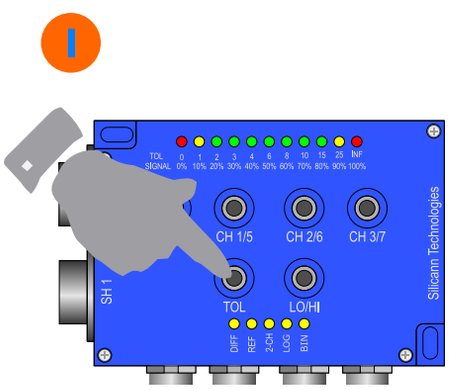


Change to TOL-SET mode
optional select storage area
(LO/HI, see section 3)

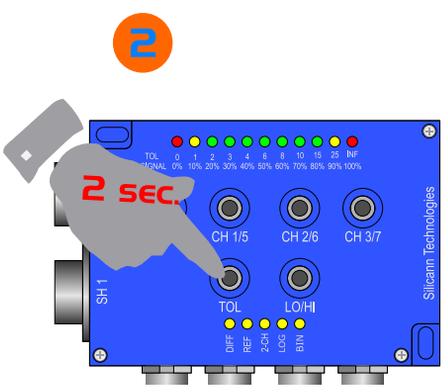


Adjust tolerance for the desired output channel
by multiple pressing of the corresponding channel button and
read the signal level monitor

5. Clear entire color table



Change to TOL-SET mode



Press TOL-button for at least 2 sec.

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