

\$ 496

Application - News

N°157 L-LAS series



Sensor W

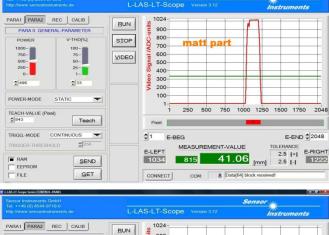
1. Differentiation of a matt and a glossy chromate knob

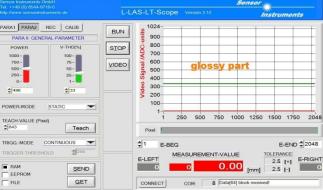
A matt chromate knob should be differentiated from a glossy chromate knob. Both types are used in the automotive interior field. For this purpose and after we have tested all of the different color sensor types without any success, we have decided to use a laser displacement sensor type L-LAS-LT-50-CL, but not to measure the distance to the object, but to use the different reflectivity of the matt and the glossy surface. The distance to the object is approximately 50mm and the peak of the video signal from the matt surface, which can be observed on the Windows® surface, is significant higher than the peak from the glossy surface (which is nearly zero). The screen shots show that a proper differentiation between matt and glossy knob is possible.

E-END 2048









Sensor Instruments GmbH Tel. ++49 (0) 8544-9719-0	Sensor	
	L-LAS-LT-Scope Version 3.12	Instruments
PARAT PARA2 REC CALIB PARA1 DENERAL-PARAMETER EVAL-MODE CENTER TOLERANCE - HIGH \$200 TOLERANCE - LOW \$200 HW MODE ENABLE ALL POLARITY DIRECT AVERAGE 16	BUN STOP VIDEO VIDEO VIDEO Prote Prote	glossy part
ANALOG-OUT DIRECT 010V ZOOM-MODE DIRECT 1:1 RAM EEPROM SEND	C E-LEFT MEASUREMENT-V	E-END \$2048 ALUE TOLERANCE 2.5 [+] [mm] 2.5 [-]











