

Application - News N°221 SPECTRO-3 series

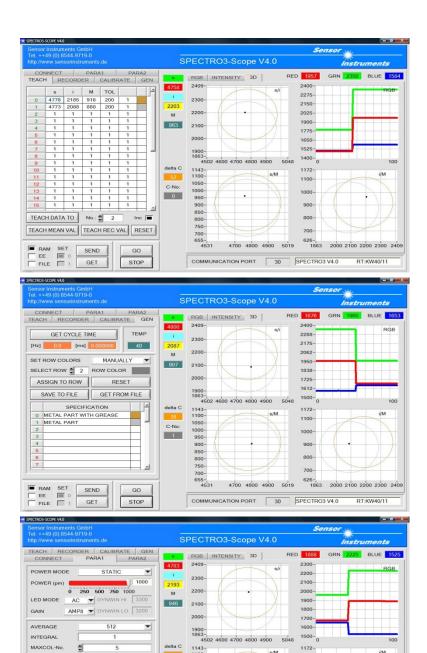


1. Presence control of grease in an electrical component

The presence of grease on a metal part inside an electrical component should be checked.

For this purpose a color sensor type **SPECTRO-3-FIO-JR** in connection with an optical fiber type R-S-A2.0-(2.5)-1200-67° and an optical frontend type

KL-M18-A2.0 are used. The distance from the frontend to the metal plate is approximately 20mm and the spot size at this distance around 3mm. As shown in the screen shots a proper detection of the presence of grease is possible.



delta C

C-No

0

1143-1100-

1000-950-900-850-800-

750

1172

1100-

900

800

626-1863 2000 2100 2200 2300 2409

PT-KW40/11

s/M

655-4531 4700 4800 4900 5019

COMMUNICATION PORT 30 SPECTRO3 V4.0

MAXCOL-No

EVALUATION MODE

CALCULATION MODE

 RAM
 SET

 EE
 0

 FILE
 1

OUTMODE

INTLIM

\$

EXTEACH OFF TRIGGER CONT

DIRECT HI

0

s i M - 3D

BEST HIT

-

GO

STOP

