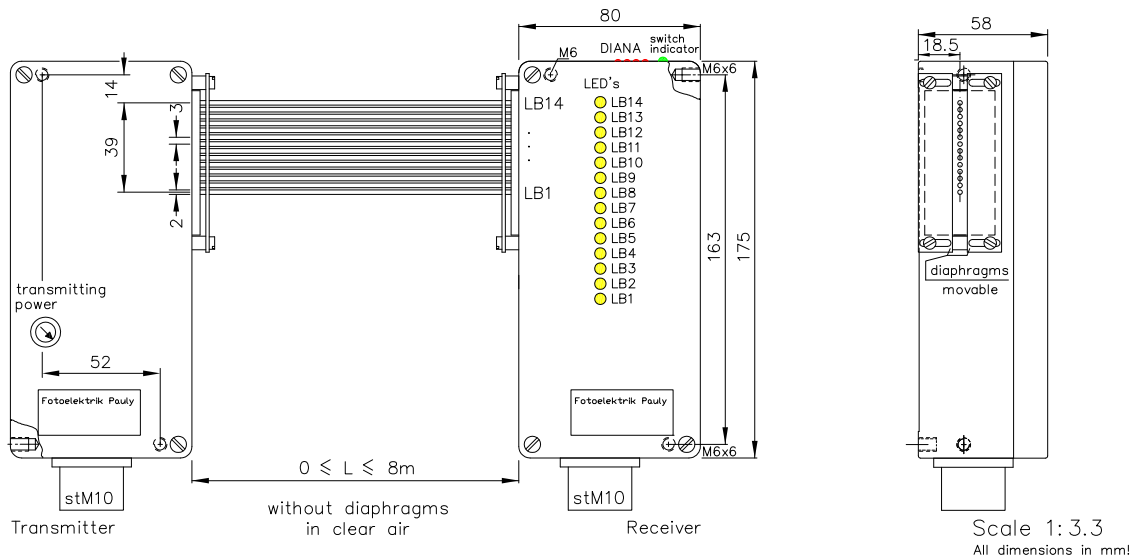
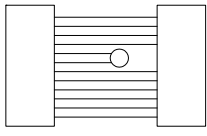


Switching Light-Grid Type

PLG4761210216/39/3/60x30/-/20/14

0 – 8m

Switching Light-Grid

PLG47...

Order No.:
5841M14

Technical Characteristics:

Housing Al-Cast
 Weight T. & R. 2x approx. 900g
 Control unit approx. 3800g with conn.-cable
 Protection mode IP65
 Supply 24VDC/~600mA without load
 Connection terminal block
 Operation mode Master counter in control unit
 Resolution > 5.5mm
 Steady light resistance > 80kLx
 Interference suppress. forced synchronization
 Access time <12ms/switch transition
 Output pnp 60mA s.c.-prot., e2
 Signal mode bright-/darkswitching, selectable
 Switching rate electron.: approx. 40/s; Relay: 10/s
 Time delay 0-1s, switching-on-off-delay, separately adjustable, z1
 Switch indicator LED in receiver & control unit
 Level indicator DIANA in receiver, i
 Transmitter light LED, 880nm; invisible
 Ambient temperature -25...+60°C

Accessories:

Control unit PLG476.../...ST with 5 & 20m heat resistant connection cable

Special Design:

Supply 230V, 115V, 42...48V or 24VAC
 Output npn 60mA s.c.-prot., e3
 Optocoupler 60V/50mA, e1
 Relay 250VAC/10A, 100W, 1xCH, R
 "q": <2ms/switch transition
 "q": electr.: approx. 300/s; Rel.: 10/s
 switch off transmitter, potential free contact, ta

Heat protected optical system, p1
 If using cooling water flange, then milled wall, y

Special Design (optional):

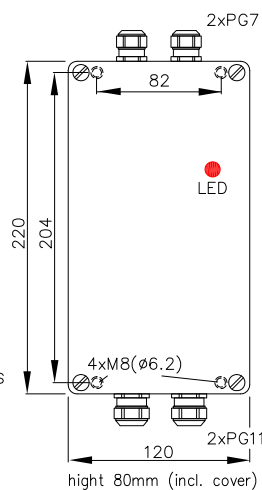
Connection cable up to 20m
 Heavy adjustment flange R27SH
 Cooling water flange KW27
 Special filters

Note:

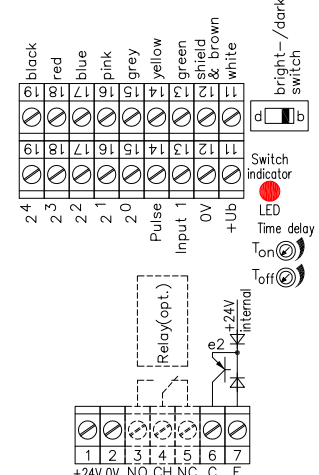
Please use supplement No. E_584128 for adjustment.

Control unit PLG476.../...ST:

Dimension sketch:



Connection diagram:



5841M14 DE (14.03.05 tb)
 E_5841 1 E (19.01.07 tb)
 (01.07.03 gs) (26.09.07 tb)
 (01.12.03 gs) 03.07.14 tb