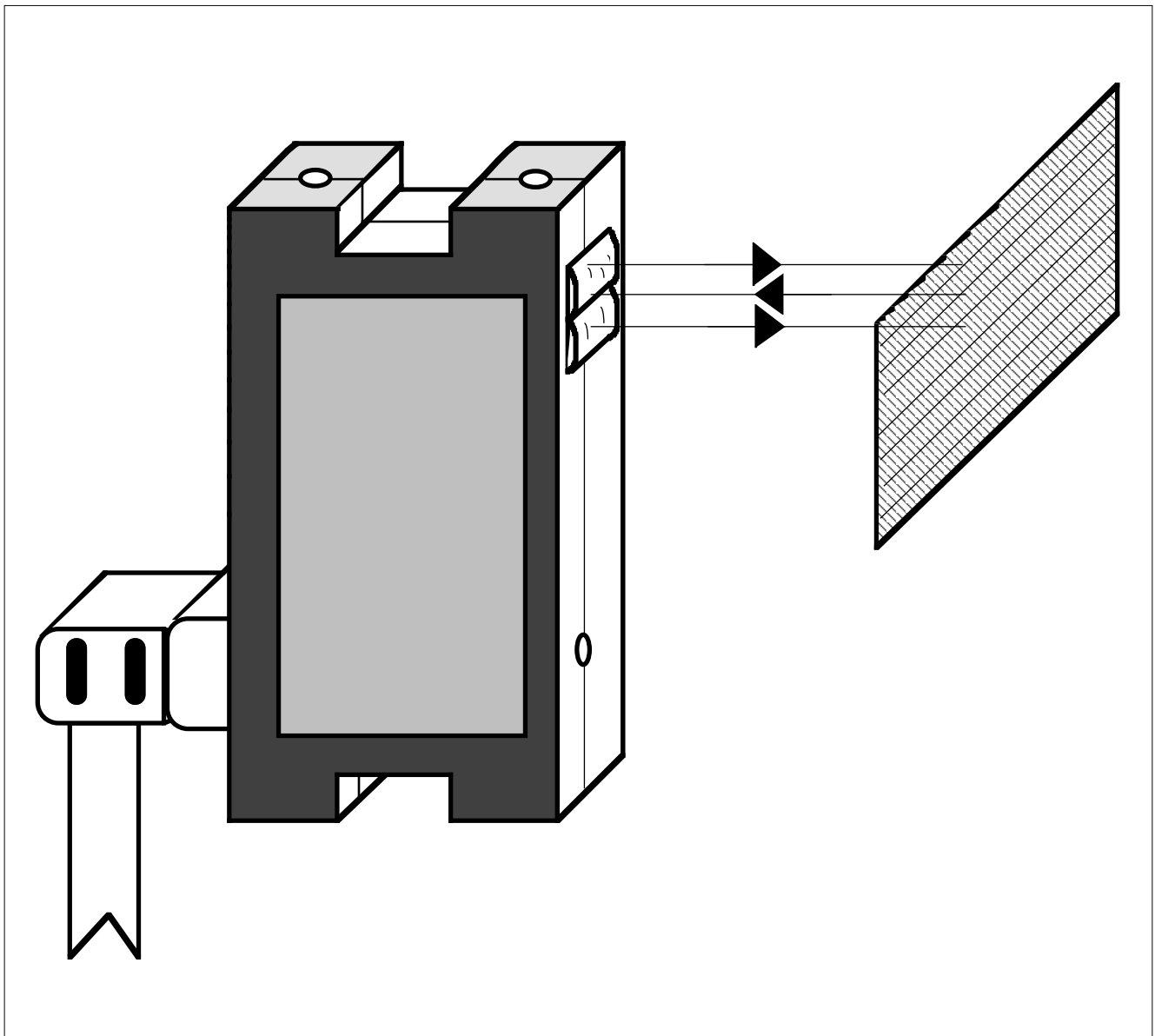


Reflex- and Muting light barrier

GR



Narrow design - Large detection range up

Flexible application - Variable installation

Integrated switching unit

Light- or Dark switching

With cable or M12 plug connection

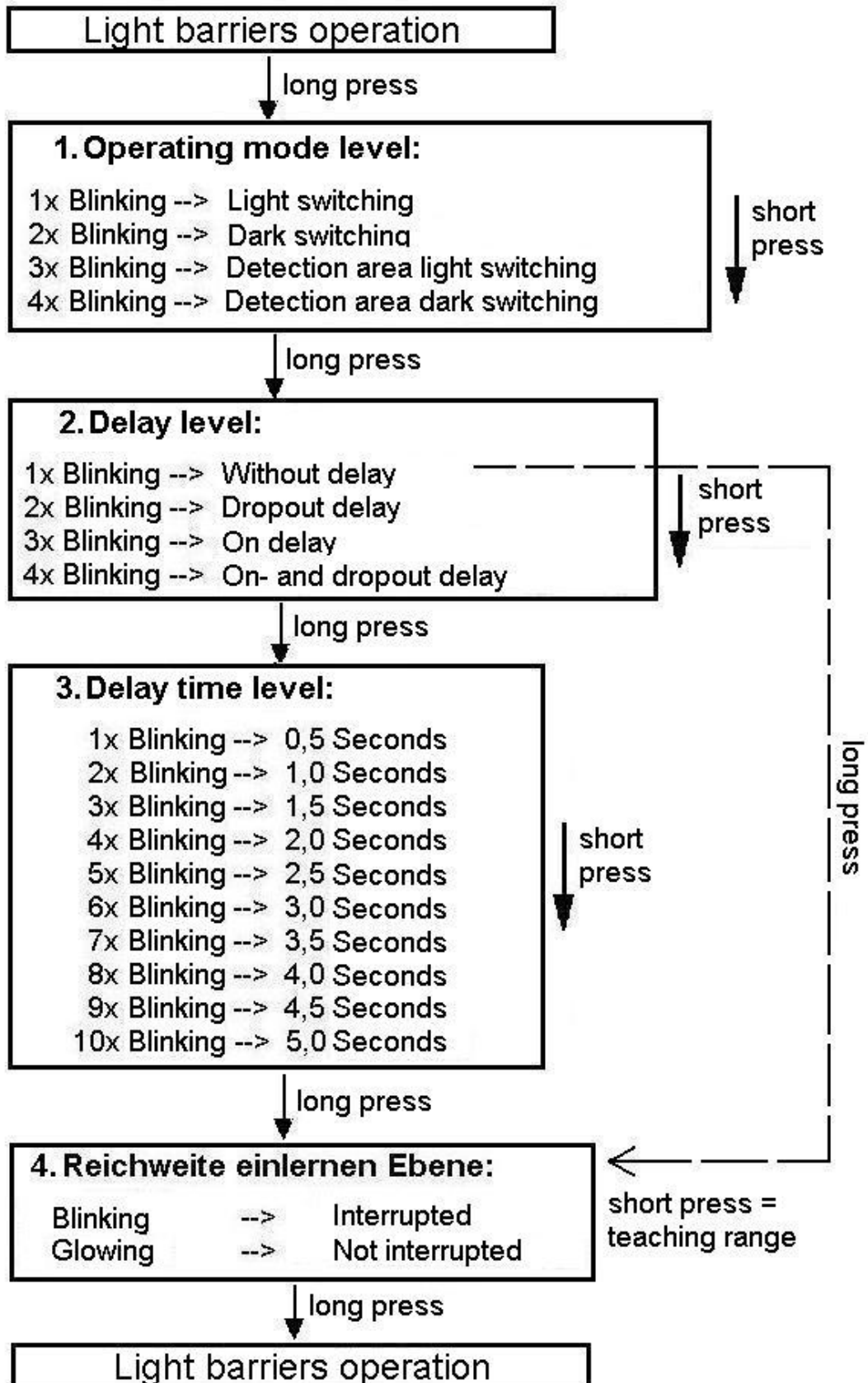


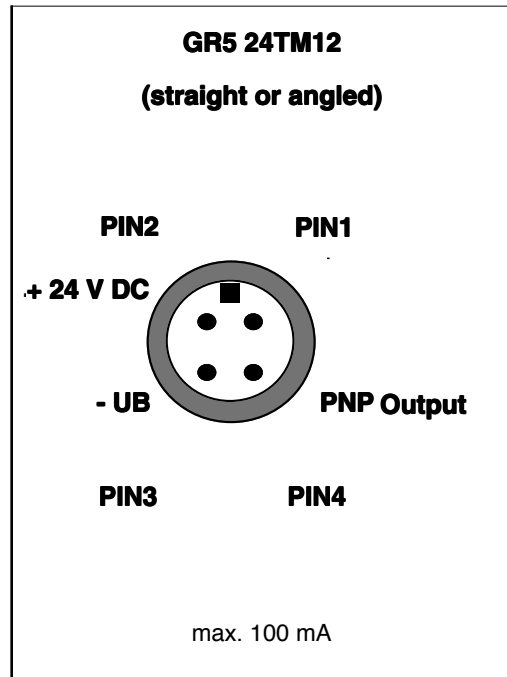
DIN EN ISO 9001
Reg.Nr. 96007



Type:	GR 5 24 T	GR5/ 24TM12DS	GR5/ 24TM12HS	GR 50 24	GR 100 24	GR 150 24
Max. detection range up with reflektor 100 x 100	5 m	5 m	5 m			
max. detection range up with scotchlite 10 x 24				20 - 80 mm	75 - 125 mm	80- 200 mm
Connection Voltage	24 V DC	24 V DC	24 V DC	24 V DC	24 V DC	24 V DC
No-load current	40 mA	40 mA	40 mA	40 mA	40 mA	40 mA
Type of light	infrared	infrared	infrared	infrared	infrared	infrared
Pulse frequency	15 kHz	15 kHz	15 kHz	15 kHz	15 kHz	15 kHz
Output	Transistor	Transistor	Transistor	Transistor	Transistor	Transistor
Max. voltage	30 V DC	30 V DC	30 V DC	30 V DC	30 V DC	30 V DC
Short circuit proof	yes	yes	yes	yes	yes	yes
NPN / PNP	yes	no / yes	yes / no	yes	yes	yes
Max. switching frequency	500 Hz	500Hz	500 Hz	1 kHz	1 kHz	1 kHz
Operating display	yes	yes	yes	yes	yes	yes
Cable connection	cable fixed cable length 2m	M12 plug cable length 2m	M12 plug cable length 2m	cable pluggable cable length 2m	cable pluggable cable length 2m	cable pluggable cable length 2m
Housing	PA 6	PA 6	PA 6	PA 6	PA 6	PA6
Operation ambient temperature	0°C - 50°C	0°C - 50°C	0°C - 50°C	0°C - 50°C	0°C - 50°C	0°C - 50°C
Protection category	IP 60	IP 60	IP 60	IP 60	IP 60	IP 60
Switching unit	integrated	integrated	integrated	integrated	integrated	integrated
Weight	50 g	50 g	50 g	50 g	50 g	50 g
Application	Mutingsensor PLSG-K FPSC usw...	Muting Sensor PLSG	Muting Sensor PLSG	for example : codification system by reflecting	for example : codification system by reflecting	for example : codification system by reflecting

Programming mode of the GR



Type:**Connection:****Electrical power:****cable colour:**

Already assembled M12 cable	Cabel to self assemble
PIN1 = white	PIN1 = white
PIN2 = brown	PIN2 = brown
PIN3 = blue	PIN3 = green
PIN4 = black	PIN4 = yellow

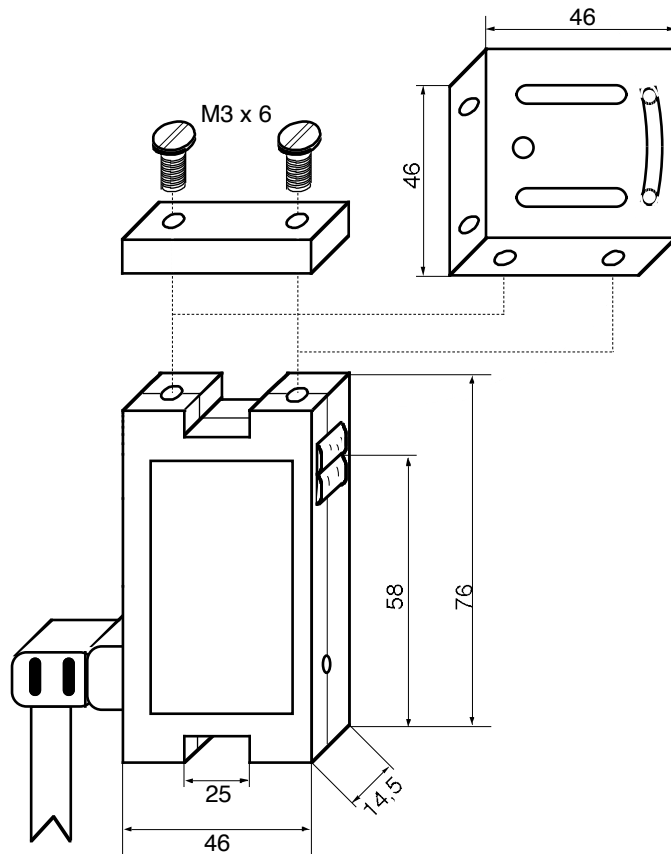
GR5 with M12 connector match for muting switching unit PLSG

Type:	GR 50 24	GR 100 24	GR 150 24
Connection:			
brown:	+24 V DC	+24 V DC	+24 V DC
green:	- Ub	- Ub	- Ub
white:	PNP / NPN Output	PNP / NPN Output	PNP / NPN Output
gray:	NC	NC	NC
yellow:	PNP / NPN Output	PNP / NPN Output	PNP / NPN Output
Electrical power:	max.: 100 mA	max.: 100 mA	max.: 100 mA

Mounting:

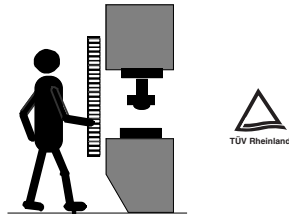
Standart equipment, with holder or fastening to square profile 25x5mm, optional available with universal fastening angle.

Dimensions:

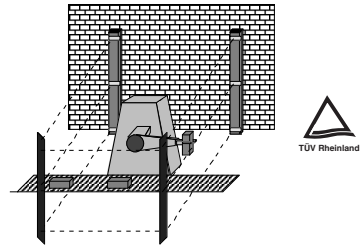


Delivery program

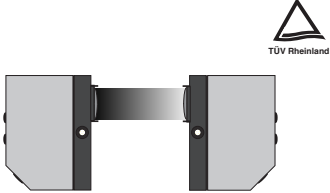
Fiessler Elektronik
 Kastellstr. 9 D-73734 Esslingen
 Telefon: 0711 / 91 96 97-0
 Telefax: 0711 / 91 96 97-50
 WWW.fiessler.de
 E-Mail: info@fiessler.de



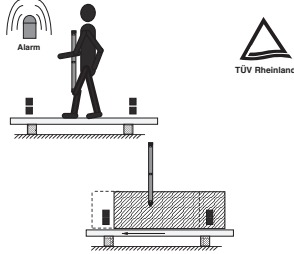
Safety light curtain



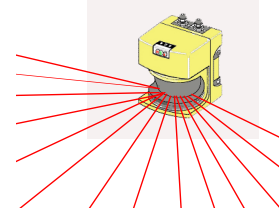
Safety light grid



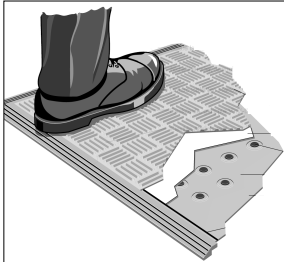
Single safety light beam



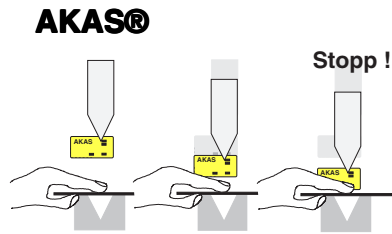
Safety light grid with muting function



Proximity scanner



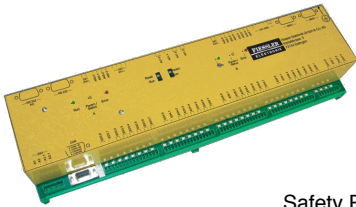
Safety mats



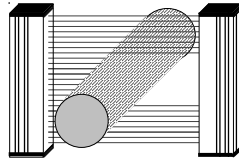
Press brake safety system



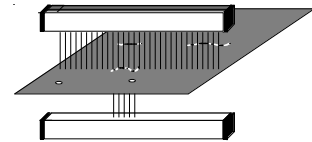
Safety foot pedal



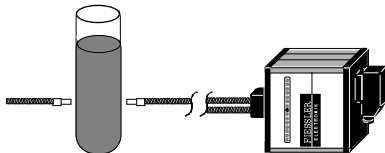
Safety PLC
 Safety controllers



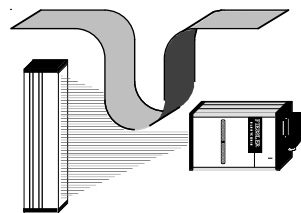
Measuring and controlling light curtains



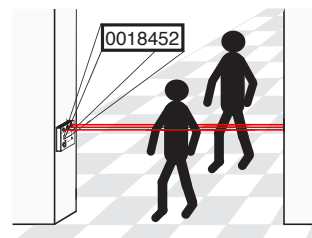
Hole detectors



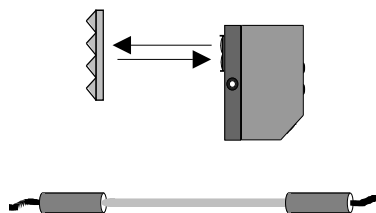
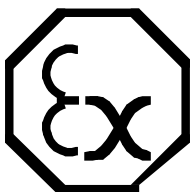
Turbidity sensors



Analogue loop sensors



Counting light barriers



Light barriers for general purposes



Your application