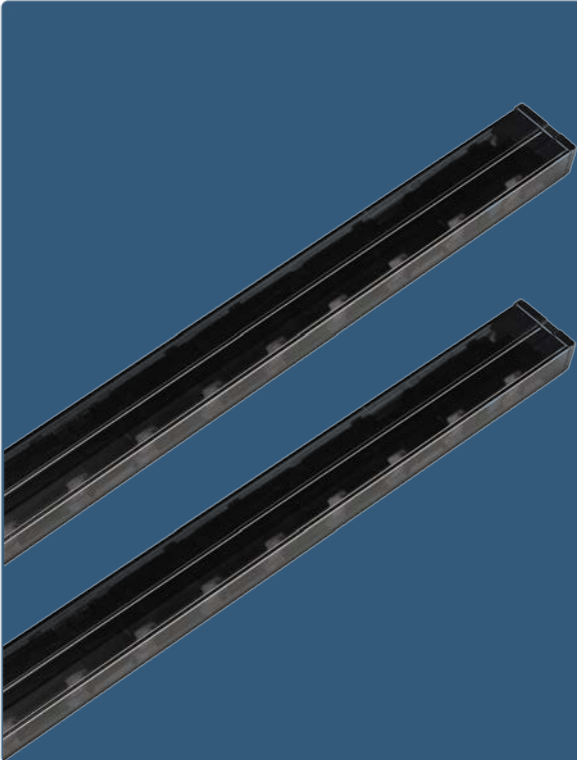


TST LGB Light Curtain for automatic doors



SPECIAL FEATURES

- Tamper-protected, safe kind of blanking a door by direct connection with a position detector
- Longer door life cycles by an intelligent, material preserving hold mechanism
- Full integration into the door controller, which means
 - Plain text diagnosis instead of flash codes
 - Automatic teach in of the closed position
 - Alignment- and setup assistance during installation
 - Numerous adaption options like blanking of beams outside the detection zone
- Easy installation by compact cross section size (12 mm x 22 mm)
- High ambient light resistance





TECHNICAL DATA

Bar lengths (H x W x D)	Type A: 2.637 x 12 x 22 mm Type B: 2.408 x 12 x 22 mm Type C: 2.087 x 12 x 22 mm Type D: 1.537 x 12 x 22 mm Type E: 987 x 12 x 22 mm
Connection	M128 / 4 pol. plug
Supply voltage	24 V _{DC} +/-10%
Current consumption (Type A)	Transmitter:50 mA, Receiver:25 mA
Cross section size	12 mm x 22 mm
Detection range	up to 10 m
Transmitting light	Infrared (850 nm), Laser class 1
Opening angle	± 5°
Ambient light immunity	100 kLUX
Reaction time	< 9 ms (Danger zone) < 100 ms (Object zone)
Door closing speed	max. 1,6 m/s; no restriction on opening
Resolution	up to 300 mm: 22,9 mm up to 2.500 mm: 137,5 mm
Temperature range	Operation: -25°C up to 60°C Storage: -40°C up to 70°C
Humidity	up to 90% not condensing
Protection class	IP67

STANDARD CONFORMITY & APPROVALS

2006/42/EG – Machinery directive	
2004/108/EG – EMC guideline	
2006/95/EG – Low voltage guideline	
DIN EN 13849-1:2008-12	Cat 2/ PL d
DIN EN 12978:2009-10	
DIN CLC/TS 61496-2:2008-02	BWS Type 2
EN 60335-1:2012-10	
EN 61000-6-1:2007-10	
EN 61000-6-2:2011-06	
EN 61000-6-3:2012-11	
EN 61000-6-4:2011-09	
EN 60529:2000-09	IP67
DIN EN 12453:2001-02	Level of protection E
DIN EN 12445:2001-02	

Typ A LENGTH VARIANTS TST LGB

