



Product Service

CERTIFICATE

No. Z10 040594 0036 Rev. 01

Holder of Certificate: wenglor sensoric GmbH
wenglor Str. 3
88069 Tett nang
GERMANY

Certification Mark:



Product: Safety Light Curtain
Type 4
Safety Light Curtain SEMG

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the Testing, Certification, Validation and Verification Regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 717506309

Valid until: 2029-10-24

Date, 2024-10-28

(Peter Weiß)

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Parameters:

Power supply:	24V+/- 20% (PELV)
Power consumption:	2A
Output:	PNP, 2x300mA
Protection class:	IP65, IP67

Tested according to:

EN IEC 61496-1:2020
EN IEC 61496-2:2020
EN ISO 13849-1:2023 (Cat. 4, PL e)
EN 61508-1:2010 (SIL 3)
EN 61508-2:2010 (SIL 3)
EN 61508-3:2010 (SIL 3)

Model(s): SEMG-series

In the following table [x] in SEMG[x] is a wildcard for:

x = 4: System (Emitter and Receiver)

x = 5: Emitter

x = 6: Receiver

1.1 Devices with Pigtail-Connector

Resolution 14mm		Resolution 30mm	
Model	protective height (mm)	Model	protective height (mm)
SEMG[x]31	250	-	-
SEMG[x]32	310	SEMG[x]12	326
SEMG[x]33	460	SEMG[x]13	486
SEMG[x]34	610	SEMG[x]14	626
SEMG[x]35	761	SEMG[x]15	787
SEMG[x]36	911	SEMG[x]16	927
SEMG[x]37	1061	SEMG[x]17	1087
SEMG[x]38	1211	SEMG[x]18	1227
SEMG[x]39	1361	SEMG[x]19	1387
SEMG[x]40	1511	SEMG[x]20	1527
SEMG[x]41	1661	SEMG[x]21	1687
SEMG[x]42	1811	SEMG[x]22	1827

1.2 Devices with built-in-Connector

Resolution 14mm		Resolution 30mm	
Model	protective height (mm)	Model	protective height (mm)
SEMG[x]71	250	-	-
SEMG[x]72	310	SEMG[x]52	326
SEMG[x]73	460	SEMG[x]53	486
SEMG[x]74	610	SEMG[x]54	626
SEMG[x]75	761	SEMG[x]55	787
SEMG[x]76	911	SEMG[x]56	927
SEMG[x]77	1061	SEMG[x]57	1087
SEMG[x]78	1211	SEMG[x]58	1227
SEMG[x]79	1361	SEMG[x]59	1387
SEMG[x]80	1511	SEMG[x]60	1527
SEMG[x]81	1661	SEMG[x]61	1687
SEMG[x]82	1811	SEMG[x]62	1827