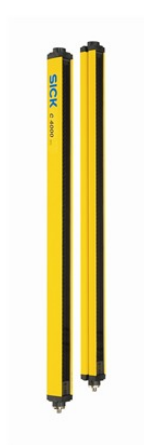




Safety light curtains C4000 Eco

C40E-1603AN310, C40S-1603AA310



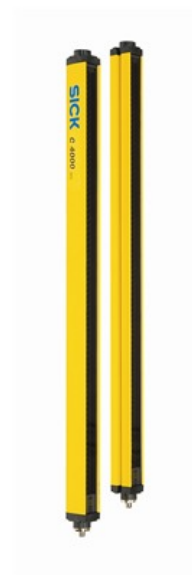
receiver

Model Name > [C40E-1603AN310](#)
Part No. > [1027483](#)



sender

Model Name > [C40S-1603AA310](#)
Part No. > [1027482](#)



At a glance

- Type 4 (IEC 61496), PL e (EN ISO 13849)
- 7-segment display
- Impact and scratch-resistant front screen
- Extremely high electromagnetic immunity
- Standardized M12 connectivity
- Extensive range of accessories for mounting

Your benefits

- 7-segment display saves time during alignment and diagnostics
- Cost-effective: pre-assembled M12x5 cables
- Optimized cabling through innovative accessories, e.g. T-distributor with just one cable to the control cabinet
- Robust design and immunity to interference ensure maximum availability - even under tough industrial conditions
- A multitude of intelligent mounting adapters enables flexible installation

This product will be discontinued soon. Please follow the "replacement product" link for information about the successor.



Technical Data-Sender

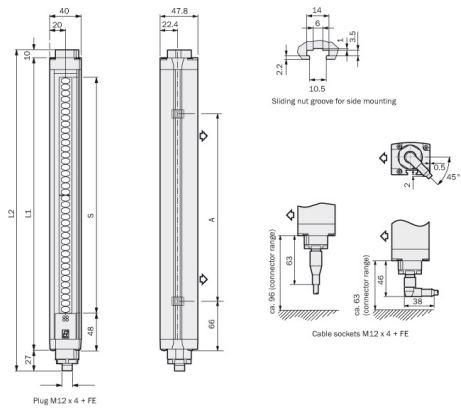
Protective field height:	1,650 mm
Resolution:	30 mm
Housing length:	1,772 mm
Housing cross-section:	48 mm x 40 mm
Type:	Type 4 (IEC 61496)
Safety integrity level:	SIL3 (IEC 61508), SILCL3 (IEC 62061)
Category:	category 4 (EN ISO 13849)

Performance level:	PL e (EN ISO 13849)
PFHd:	1.5 * 1E-08
TM (mission time):	20 a
Supply voltage typical, from, to:	24 V DC, 19.2 V DC, 28.8 V DC
Response time without beam coding:	≤ 14 ms
Connection type:	M12 x 5, straight
Maximum connection cable cross-section:	0.25 mm ²
Wave length:	950 nm
Protection class:	III
Enclosure rating:	IP 65 (IEC 60529)
Ambient operating temperature from ... to:	0 °C ... 55 °C
Vibration resistance (checked to):	5 g (IEC 60068-2-6)
Oscillation frequency from ... to:	10 Hz ... 55 Hz
Shock resistance:	10 g, 16 ms (IEC 60068-2-29)
Weight:	3,390 g

Technical Data-Receiver

Protective field height:	1,650 mm
Resolution:	30 mm
Scanning range from ... to:	0 m ... 6 m
Housing length:	1,772 mm
Housing cross-section:	48 mm x 40 mm
Type:	Type 4 (IEC 61496)
Safety integrity level:	SIL3 (IEC 61508), SILCL3 (IEC 62061)
Category:	category 4 (EN ISO 13849)
Performance level:	PL e (EN ISO 13849)
PFHd:	1.5 * 1E-08
TM (mission time):	20 a
Supply voltage typical, from, to:	24 V DC, 19.2 V DC, 28.8 V DC
Response time without beam coding:	≤ 14 ms
Maximum switching current:	500 mA
Wave length:	950 nm
Connection type:	M12 x 5, straight
Maximum connection cable cross-section:	0.25 mm ²
Protection class:	III
Enclosure rating:	IP 65 (IEC 60529)
Ambient operating temperature from ... to:	0 °C ... 55 °C
Vibration resistance (checked to):	5 g (IEC 60068-2-6)
Oscillation frequency from ... to:	10 Hz ... 55 Hz
Shock resistance:	10 g, 16 ms (IEC 60068-2-29)
Weight:	3,420 g

Dimensional drawing



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