



### At a glance

- Type 4 (IEC 61496), SIL3 (IEC 61508), PL e (EN ISO 13849)
- Absence of blind zones
- Resolution of 14 mm or 30 mm
- Protective field height of 300 mm to 2.100 mm
- Automatic calibration on the protective field width up to 10 m range
- Ambient operating temperature of -30 °C to +55 °C
- Enclosure rating IP 65 and IP 67
- Flexi Loop-compatible M12 male connector

### Your benefits

- Simple assembly with innovative mounting and no blind zones
- Quick commissioning thanks to integrated LED display and automatic calibration on the protective field width up to 10 m range
- Simply safe: rugged and reliable thanks to enclosure rating IP 67 and an ambient operating temperature down to -30 °C, enabling use in harsh ambient conditions
- Intelligently standardized: M12, 5-pin provide cost reductions and enables a safe series connection with Flexi Loop
- Basic function without configuration effort enables quick replacement when servicing is required

→ [www.mysick.com/en/deTec4\\_Core](http://www.mysick.com/en/deTec4_Core)

For more information, just enter the link or scan the QR code and get direct access to technical data, CAD design models, operating instructions, software, application examples and much more.



### Ordering information

Other models and accessories → [www.mysick.com/en/deTec4\\_Core](http://www.mysick.com/en/deTec4_Core)





- **Resolution:** 14 mm
- **Scanning range:** 0 m ... 7 m

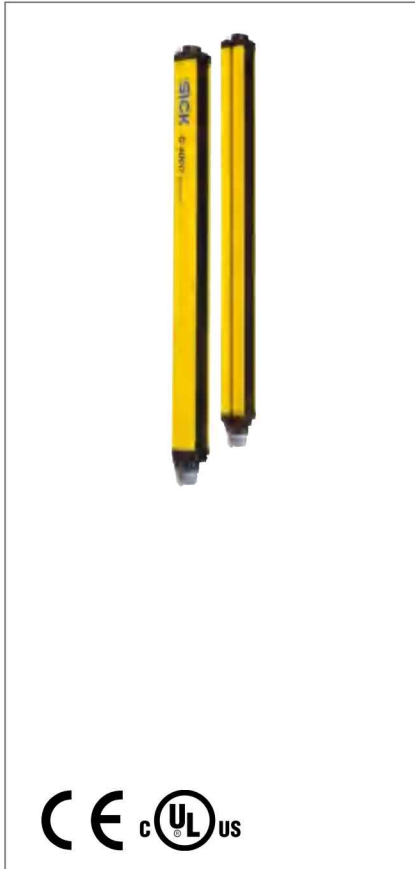
Protective field height	Sender		Receiver	
	Model name	Part no.	Model name	Part no.
300 mm	C4C-SA03010A10000	1211450	C4C-EA03010A10000	1211463
450 mm	C4C-SA04510A10000	1211469	C4C-EA04510A10000	1211470
600 mm	C4C-SA06010A10000	1211471	C4C-EA06010A10000	1211472
750 mm	C4C-SA07510A10000	1211473	C4C-EA07510A10000	1211474
900 mm	C4C-SA09010A10000	1211475	C4C-EA09010A10000	1211515
1,050 mm	C4C-SA10510A10000	1211476	C4C-EA10510A10000	1211477
1,200 mm	C4C-SA12010A10000	1211478	C4C-EA12010A10000	1211479
1,350 mm	C4C-SA13510A10000	1211480	C4C-EA13510A10000	1211481
1,500 mm	C4C-SA15010A10000	1211482	C4C-EA15010A10000	1211483
1,650 mm	C4C-SA16510A10000	1211484	C4C-EA16510A10000	1211485
1,800 mm	C4C-SA18010A10000	1211486	C4C-EA18010A10000	1211487
1,950 mm	C4C-SA19510A10000	1211488	C4C-EA19510A10000	1211489
2,100 mm	C4C-SA21010A10000	1211490	C4C-EA21010A10000	1211491

- **Resolution:** 30 mm
- **Scanning range:** 0 m ... 10 m

Protective field height	Sender		Receiver	
	Model name	Part no.	Model name	Part no.
300 mm	C4C-SA03030A10000	1211462	C4C-EA03030A10000	1211464
450 mm	C4C-SA04530A10000	1211492	C4C-EA04530A10000	1211493
600 mm	C4C-SA06030A10000	1211494	C4C-EA06030A10000	1211495
750 mm	C4C-SA07530A10000	1211496	C4C-EA07530A10000	1211497
900 mm	C4C-SA09030A10000	1211498	C4C-EA09030A10000	1211516
1,050 mm	C4C-SA10530A10000	1211499	C4C-EA10530A10000	1211500
1,200 mm	C4C-SA12030A10000	1211501	C4C-EA12030A10000	1211502
1,350 mm	C4C-SA13530A10000	1211503	C4C-EA13530A10000	1211504
1,500 mm	C4C-SA15030A10000	1211505	C4C-EA15030A10000	1211506
1,650 mm	C4C-SA16530A10000	1211507	C4C-EA16530A10000	1211508
1,800 mm	C4C-SA18030A10000	1211509	C4C-EA18030A10000	1211510
1,950 mm	C4C-SA19530A10000	1211511	C4C-EA19530A10000	1211512
2,100 mm	C4C-SA21030A10000	1211513	C4C-EA21030A10000	1211514

### Recommended accessories

	Brief description	Model name	Part no.
<b>Terminal and alignment brackets</b>			
	4 pieces, FlexFix bracket, Plastic	BEF-1SHABPKU4	2066614
	2 pieces, QuickFix bracket, Plastic	BEF-3SHABPKU2	2066048
<b>Adapters and distributors</b>			
	T-connector plugs directly into receiver, splits the single home run from control cabinet between sender and receiver	DSC-1205T000025KM0	6030664
<b>Plug connectors and cables</b>			
	Head A: Female connector, M12, 5-pin, straight Head B: cable Cable: TPU, halogen-free, unshielded, 5 m	DOL-1205-G05MC	6025907
	Head A: Female connector, M12, 5-pin, straight Head B: cable Cable: TPU, halogen-free, unshielded, 10 m	DOL-1205-G10MC	6025908
	Head A: Female connector, M12, 5-pin, straight Head B: cable Cable: TPU, halogen-free, unshielded, 20 m	DOL-1205-G20MC	6050247



### At a glance

- Type 4 (IEC 61496), SIL3 (IEC 61508), PL e (EN ISO 13849)
- 7-segment display
- PSDI mode with the UE402 switching amplifier
- External device monitoring (EDM) and restart interlock (RES)
- Configuration and diagnostics via PC
- Cascade up to three systems
- ADO (Application Diagnostic Output) signaling output for contamination indicator
- Accessory Clone Plug – for configuration memory

### Your benefits

- 7-segment display saves time during alignment and diagnostics
- Beam coding protects the systems against optical interference by ensuring a high level of availability
- Ability to cascade up to three systems optimizes the safety application and reduces wiring costs
- Preconfigured light curtains and the clone plug enables easy and rapid commissioning
- Precise, convenient configuration and diagnostics reduces downtime

→ [www.mysick.com/en/C4000\\_Standard](http://www.mysick.com/en/C4000_Standard)

For more information, just enter the link or scan the QR code and get direct access to technical data, CAD design models, operating instructions, software, application examples and much more.



### Ordering information

Other models and accessories → [www.mysick.com/en/C4000\\_Standard](http://www.mysick.com/en/C4000_Standard)

### Standalone device

- **Resolution:** 14 mm
- **Scanning range:** 0 m ... 8 m

Protective field height	Sender		Receiver	
	Model name	Part no.	Model name	Part no.
300 mm	C40S-0301CA010	1018591	C40E-0301CA010	1018592
450 mm	C40S-0401CA010	1018347	C40E-0401CA010	1018348
600 mm	C40S-0601CA010	1018593	C40E-0601CA010	1018594
750 mm	C40S-0701CA010	1018595	C40E-0701CA010	1018596
900 mm	C40S-0901CA010	1018597	C40E-0901CA010	1018598
1,200 mm	C40S-1201CA010	1018601	C40E-1201CA010	1018602
1,500 mm	C40S-1501CA010	1018605	C40E-1501CA010	1018606
1,800 mm	C40S-1801CA010	1018609	C40E-1801CA010	1018610

- **Resolution:** 30 mm
- **Scanning range:** 0 m ... 19 m

Protective field height	Sender		Receiver	
	Model name	Part no.	Model name	Part no.
300 mm	C40S-0303CA010	1018635	C40E-0303CA010	1018636
450 mm	C40S-0403CA010	1018637	C40E-0403CA010	1018638
600 mm	C40S-0603CA010	1018639	C40E-0603CA010	1018640
750 mm	C40S-0703CA010	1018641	C40E-0703CA010	1018642
900 mm	C40S-0903CA010	1018643	C40E-0903CA010	1018644
1,200 mm	C40S-1203CA010	1018647	C40E-1203CA010	1018648
1,500 mm	C40S-1503CA010	1018651	C40E-1503CA010	1018652
1,800 mm	C40S-1803CA010	1018655	C40E-1803CA010	1018656

## Cascade device

- **Resolution:** 14 mm
- **Scanning range:** 0 m ... 8 m

Protective field height	Sender		Receiver	
	Model name	Part no.	Model name	Part no.
300 mm	C40S-0301DA010	1018690	C40E-0301DA010	1018691
450 mm	C40S-0401DA010	1018349	C40E-0401DA010	1018350
600 mm	C40S-0601DA010	1018692	C40E-0601DA010	1018693
750 mm	C40S-0701DA010	1018694	C40E-0701DA010	1018695
900 mm	C40S-0901DA010	1018696	C40E-0901DA010	1018697
1,200 mm	C40S-1201DA010	1018700	C40E-1201DA010	1018701
1,500 mm	C40S-1501DA010	1018704	C40E-1501DA010	1018705
1,800 mm	C40S-1801DA010	1018708	C40E-1801DA010	1018709





- **Resolution:** 30 mm
- **Scanning range:** 0 m ... 19 m

Protective field height	Sender		Receiver	
	Model name	Part no.	Model name	Part no.
300 mm	C40S-0303DA010	1018733	C40E-0303DA010	1018734
450 mm	C40S-0403DA010	1018735	C40E-0403DA010	1018736
600 mm	C40S-0603DA010	1018737	C40E-0603DA010	1018738
750 mm	C40S-0703DA010	1018739	C40E-0703DA010	1018740
900 mm	C40S-0903DA010	1018741	C40E-0903DA010	1018742
1,200 mm	C40S-1203DA010	1018745	C40E-1203DA010	1018746
1,500 mm	C40S-1503DA010	1018749	C40E-1503DA010	1018750
1,800 mm	C40S-1803DA010	1018753	C40E-1803DA010	1018754

## UE402 switching amplifier

Description	Model name	Part no.
Expands C4000 Standard, Advanced, Palletizer, Entry/Exit and Fusion with the functions described in the technical data, e.g., bypass, operating mode switching or in addition PSDI mode on C4000 Standard, Advanced.	UE402	1023577

## Recommended accessories

	Brief description	Model name	Part no.
Terminal and alignment brackets			
	4 pieces, Mounting kit 6, side bracket, rotatable, Zinc diecast	BEF-1SHABAZN4	2019506
	4 pieces, Mounting kit 2, rotatable, swivel mount, Polyamide PA6	BEF-2SMMEAKU4	2019659
Plug connectors and cables			
	Head A: Female connector, M26, 12-pin, straight Head B: cable Cable: PVC, unshielded, 5 m	DOL-0612G05M075KM0	2022545
	Head A: Female connector, M26, 12-pin, straight Head B: cable Cable: PVC, unshielded, 10 m	DOL-0612G10M075KM0	2022547
	Head A: Female connector, M26, 12-pin, straight Head B: cable Cable: PVC, unshielded, 15 m	DOL-0612G15M075KM0	2022548
	Head A: Female connector, M26, 12-pin, straight Head B: cable Cable: PVC, unshielded, 20 m	DOL-0612G20M075KM0	2022549
	Head A: male connector, M26, 12-pin, straight Head B: Female connector, M26, 12-pin, straight Cable: PVC, unshielded, 1 m	DSL-0612G01M075KM0	2022279
	Head A: male connector, M26, 12-pin, straight Head B: Female connector, M26, 12-pin, straight Cable: PVC, unshielded, 0.5 m	DSL-0612G0M5075KM0	2021838
	Head A: male connector, M26, 12-pin, straight Head B: Female connector, M26, 12-pin, straight Cable: PVC, unshielded, 2.5 m	DSL-0612G2M5075KM0	2022282



### At a glance

- Type 4 (IEC 61496), SIL3 (IEC 61508), PL e (EN ISO 13849)
- Various options for blanking objects: fixed, floating, or teach-in
- 7-segment display
- PSDI mode with the UE402 switching amplifier
- External device monitoring (EDM) and restart interlock (RES)
- Beam coding for correct system allocation
- Configuration and diagnostics via PC
- Cascade up to three systems

### Your benefits

- Blanking functions enable reliable and safe object detection and increase the productivity in the process
- 7-segment display saves time during alignment and diagnostics
- Beam coding protects the systems against optical interference by ensuring a high level of availability
- Clone plug enables easy and rapid commissioning, saving time and costs
- Ability to cascade up to three systems optimizes the safety application and reduces wiring costs
- Precise, convenient configuration and diagnostics reduce downtime

→ [www.mysick.com/en/C4000\\_Advanced](http://www.mysick.com/en/C4000_Advanced)

For more information, just enter the link or scan the QR code and get direct access to technical data, CAD design models, operating instructions, software, application examples and much more.



### Ordering information

Other models and accessories → [www.mysick.com/en/C4000\\_Advanced](http://www.mysick.com/en/C4000_Advanced)

### Standalone device

- **Resolution:** 14 mm
- **Scanning range:** 0 m ... 8 m

Protective field height	Sender		Receiver	
	Model name	Part no.	Model name	Part no.
300 mm	C40S-0301CA010	1018591	C40E-0301CB010	1018781
450 mm	C40S-0401CA010	1018347	C40E-0401CB010	1018782
600 mm	C40S-0601CA010	1018593	C40E-0601CB010	1018783
750 mm	C40S-0701CA010	1018595	C40E-0701CB010	1018784
900 mm	C40S-0901CA010	1018597	C40E-0901CB010	1018785
1,200 mm	C40S-1201CA010	1018601	C40E-1201CB010	1018787
1,500 mm	C40S-1501CA010	1018605	C40E-1501CB010	1018789
1,800 mm	C40S-1801CA010	1018609	C40E-1801CB010	1018791

- **Resolution:** 30 mm
- **Scanning range:** 0 m ... 19 m

Protective field height	Sender		Receiver	
	Model name	Part no.	Model name	Part no.
300 mm	C40S-0303CA010	1018635	C40E-0303CB010	1018803
450 mm	C40S-0403CA010	1018637	C40E-0403CB010	1018804
600 mm	C40S-0603CA010	1018639	C40E-0603CB010	1018805
750 mm	C40S-0703CA010	1018641	C40E-0703CB010	1018806
900 mm	C40S-0903CA010	1018643	C40E-0903CB010	1018807
1,200 mm	C40S-1203CA010	1018647	C40E-1203CB010	1018810
1,500 mm	C40S-1503CA010	1018651	C40E-1503CB010	1018812
1,800 mm	C40S-1803CA010	1018655	C40E-1803CB010	1018814

### Cascade device

- **Resolution:** 14 mm
- **Scanning range:** 0 m ... 8 m

Protective field height	Sender		Receiver	
	Model name	Part no.	Model name	Part no.
300 mm	C40S-0301DA010	1018690	C40E-0301DB010	1018827
450 mm	C40S-0401DA010	1018349	C40E-0401DB010	1018828
600 mm	C40S-0601DA010	1018692	C40E-0601DB010	1018829
750 mm	C40S-0701DA010	1018694	C40E-0701DB010	1018830
900 mm	C40S-0901DA010	1018696	C40E-0901DB010	1018831
1,200 mm	C40S-1201DA010	1018700	C40E-1201DB010	1018833
1,500 mm	C40S-1501DA010	1018704	C40E-1501DB010	1018835
1,800 mm	C40S-1801DA010	1018708	C40E-1801DB010	1018837





- **Resolution:** 30 mm
- **Scanning range:** 0 m ... 19 m

Protective field height	Sender		Receiver	
	Model name	Part no.	Model name	Part no.
300 mm	C40S-0303DA010	1018733	C40E-0303DB010	1018849
450 mm	C40S-0403DA010	1018735	C40E-0403DB010	1018850
600 mm	C40S-0603DA010	1018737	C40E-0603DB010	1018851
750 mm	C40S-0703DA010	1018739	C40E-0703DB010	1018852
900 mm	C40S-0903DA010	1018741	C40E-0903DB010	1018853
1,200 mm	C40S-1203DA010	1018745	C40E-1203DB010	1018855
1,500 mm	C40S-1503DA010	1018749	C40E-1503DB010	1018857
1,800 mm	C40S-1803DA010	1018753	C40E-1803DB010	1018859

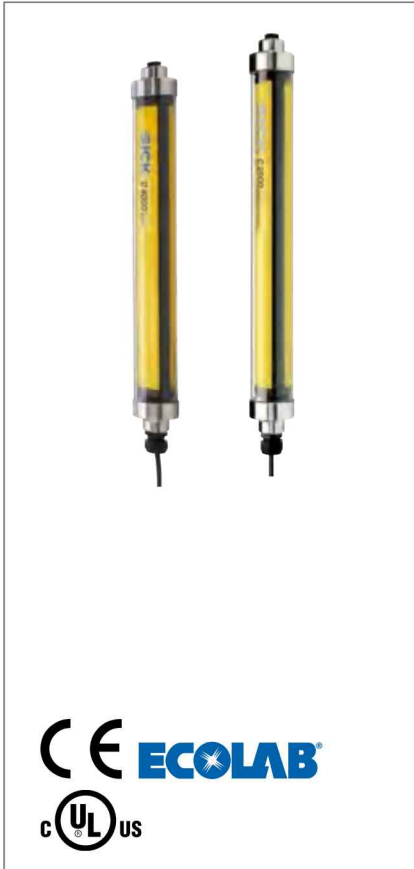
### UE402 switching amplifier

Description	Model name	Part no.
Expands C4000 Standard, Advanced, Palletizer, Entry/Exit and Fusion with the functions described in the technical data, e.g., bypass, operating mode switching or in addition PSDI mode on C4000 Standard, Advanced.	UE402	1023577

## Recommended accessories

	Brief description	Model name	Part no.
<b>Terminal and alignment brackets</b>			
	4 pieces, Mounting kit 6, side bracket, rotatable, Zinc diecast	BEF-1SHABAZN4	2019506
	4 pieces, Mounting kit 2, rotatable, swivel mount, Polyamide PA6	BEF-2SMMEAKU4	2019659
<b>Plug connectors and cables</b>			
	Head A: Female connector, M26, 12-pin, straight Head B: cable Cable: PVC, unshielded, 5 m	DOL-0612G05M075KM0	2022545
	Head A: Female connector, M26, 12-pin, straight Head B: cable Cable: PVC, unshielded, 10 m	DOL-0612G10M075KM0	2022547
	Head A: Female connector, M26, 12-pin, straight Head B: cable Cable: PVC, unshielded, 15 m	DOL-0612G15M075KM0	2022548
	Head A: Female connector, M26, 12-pin, straight Head B: cable Cable: PVC, unshielded, 20 m	DOL-0612G20M075KM0	2022549
	Head A: male connector, M26, 12-pin, straight Head B: Female connector, M26, 12-pin, straight Cable: PVC, unshielded, 1 m	DSL-0612G01M075KM0	2022279
	Head A: male connector, M26, 12-pin, straight Head B: Female connector, M26, 12-pin, straight Cable: PVC, unshielded, 0.5 m	DSL-0612G0M5075KM0	2021838
	Head A: male connector, M26, 12-pin, straight Head B: Female connector, M26, 12-pin, straight Cable: PVC, unshielded, 2.5 m	DSL-0612G2M5075KM0	2022282





**At a glance**

- Type 4 (IEC 61496), SIL3 (IEC 61508), PL e (EN ISO 13849)
- IP 69K, IP 67, IP 66 and IP 65 enclosure ratings incl. cable
- Withstands wash-down pressure up to 100 bar and water temperature up to 80 °C
- ECOLAB and Diversey certified
- Resistant steel materials
- Ventilation valve prevents fogging of the front screen
- Smooth surfaces prevent accumulation of bacteria
- Compact design up to 1,800 mm protective field height

**Your benefits**

- The longer service life saves costs. IP 69K-tested product – from the housing materials right up to the connection cable
- As an alternative to hard guards, personnel can quickly access protected areas for service, keeping productivity high
- Saves time in the cleaning and is resistant to high pressure cleaners
- Reliable safeguarding, even when temperatures fluctuate

→ [www.mysick.com/en/C4000\\_Micro\\_in\\_IP69K\\_Housing](http://www.mysick.com/en/C4000_Micro_in_IP69K_Housing)

For more information, just enter the link or scan the QR code and get direct access to technical data, CAD design models, operating instructions, software, application examples and much more.



**Ordering information**

Other models and accessories → [www.mysick.com/en/C4000\\_Micro\\_in\\_IP69K\\_Housing](http://www.mysick.com/en/C4000_Micro_in_IP69K_Housing)

- **Resolution:** 14 mm
- **Scanning range:** 0 m ... 1.8 m

Protective field height	Sender		Receiver	
	Model name	Part no.	Model name	Part no.
300 mm	C45S-0301AA220	1025722	C45E-0301AG220	1025723
450 mm	C45S-0401AA220	1025727	C45E-0401AG220	1025728
600 mm	C45S-0601AA220	1025732	C45E-0601AG220	1025733
750 mm	C45S-0701AA220	1025737	C45E-0701AG220	1025738
900 mm	C45S-0901AA220	1025742	C45E-0901AG220	1025743
1,050 mm	C45S-1001AA220	1025747	C45E-1001AG220	1025748
1,200 mm	C45S-1201AA220	1025753	C45E-1201AG220	1025754
1,350 mm	C45S-1301AA220	1055506	C45E-1301AG220	1055507
1,500 mm	C45S-1501AA220	1055511	C45E-1501AG220	1055512
1,650 mm	C45S-1601AA220	1055516	C45E-1601AG220	1055517
1,800 mm	C45S-1801AA220	1055521	C45E-1801AG220	1055522








- **Resolution:** 30 mm
- **Scanning range:** 0 m ... 4.5 m

Protective field height	Sender		Receiver	
	Model name	Part no.	Model name	Part no.
300 mm	C45S-0303AA220	1025724	C45E-0303AG220	1025725
450 mm	C45S-0403AA220	1025729	C45E-0403AG220	1025730
600 mm	C45S-0603AA220	1025734	C45E-0603AG220	1025735
750 mm	C45S-0703AA220	1025739	C45E-0703AG220	1025740
900 mm	C45S-0903AA220	1025744	C45E-0903AG220	1025745
1,050 mm	C45S-1003AA220	1025749	C45E-1003AG220	1025750
1,200 mm	C45S-1203AA220	1025755	C45E-1203AG220	1025756
1,350 mm	C45S-1303AA220	1055508	C45E-1303AG220	1055509
1,500 mm	C45S-1503AA220	1055513	C45E-1503AG220	1055514
1,650 mm	C45S-1603AA220	1055518	C45E-1603AG220	1055519
1,800 mm	C45S-1803AA220	1055523	C45E-1803AG220	1055524

- **Resolution:** 30 mm
- **Scanning range:** 4 m ... 14.5 m

Protective field height	Sender		Receiver	
	Model name	Part no.	Model name	Part no.
300 mm	C45S-0303BA220	1055627	C45E-0303AG220	1025725
450 mm	C45S-0403BA220	1055628	C45E-0403AG220	1025730
600 mm	C45S-0603BA220	1055629	C45E-0603AG220	1025735
750 mm	C45S-0703BA220	1055630	C45E-0703AG220	1025740
900 mm	C45S-0903BA220	1055631	C45E-0903AG220	1025745
1,050 mm	C45S-1003BA220	1055632	C45E-1003AG220	1025750
1,200 mm	C45S-1203BA220	1055633	C45E-1203AG220	1025756
1,350 mm	C45S-1303BA220	1055634	C45E-1303AG220	1055509
1,500 mm	C45S-1503BA220	1055635	C45E-1503AG220	1055514
1,650 mm	C45S-1603BA220	1055636	C45E-1603AG220	1055519
1,800 mm	C45S-1803BA220	1055637	C45E-1803AG220	1055524

## Recommended accessories

	Brief description	Model name	Part no.
<b>Device protection (mechanical)</b>			
	Bidirectional ventilation membrane made from Gore-Tex	Bidirectional ventilation membrane	5309082
<b>Other mounting accessories</b>			
	1 piece, Mounting tool for M12 cable socket, small housing	Installation wrench	4034690
<b>Terminal and alignment brackets</b>			
	2 pieces, Stainless steel support bracket, Stainless steel	BEF-2AAAADES2	2026849
	4 pieces, Stainless steel bracket, rotatable, Stainless steel	BEF-2SMMEAES4	2023708
	4 pieces, Reinforced stainless steel bracket, rotatable, Stainless steel	BEF-2SMMVAES4	2026850



### At a glance

- Type 4 (IEC 61496), SIL3 (IEC 61508), PL e (EN ISO 13849)
- Compact cross section (15 mm x 32 mm) with no dead zones
- Cascadable twin stick design – sender and receiver in a single housing
- Customized protective field heights in 60-mm increments from 120 mm to 1,200 mm
- Typical scanning ranges 0 m ... 5 m
- Intelligent, software-free configuration of external device monitoring (EDM) and reset function (RES)
- M12, 5-pin device connection

### Your benefits

- Cost-effective machine integration: its small design, cascadable features and incremental protective field heights enable a flexible adjustment to the machine design
- Standardization saves time and resources because of more straightforward logistics, order entry and service
- Simplified handling and setup: Software-free, almost fully automatic commissioning and intuitive operation with sustainable optics
- Bright LED display provides fast alignment, easy start up and clear protective field visualization ensure quick diagnostics
- End-to-end coverage in cascadable applications eliminates dead zones and shortens the safety distance, increasing productivity
- Application-specific brackets provide increased flexibility and reduce installation time

→ [www.mysick.com/en/miniTwin4](http://www.mysick.com/en/miniTwin4)

For more information, just enter the link or scan the QR code and get direct access to technical data, CAD design models, operating instructions, software, application examples and much more.



### Ordering information

Other models and accessories → [www.mysick.com/en/miniTwin4](http://www.mysick.com/en/miniTwin4)

### Standalone device

- **Resolution:** 14 mm

Cable length	Protective field height	Model name	Part no.
160 mm	120 mm	C4MT-01214ABB03BE0	1207094
	180 mm	C4MT-01814ABB03BE0	1207097
	240 mm	C4MT-02414ABB03DE0	1207098
350 mm	300 mm	C4MT-03014ABB03DE0	1207099
	360 mm	C4MT-03614ABB03DE0	1207100
	420 mm	C4MT-04214ABB03DE0	1207101
	480 mm	C4MT-04814ABB03DE0	1207102
	540 mm	C4MT-05414ABB03DE0	1207103
	600 mm	C4MT-06014ABB03FE0	1207104
700 mm	660 mm	C4MT-06614ABB03FE0	1207105
	720 mm	C4MT-07214ABB03FE0	1207106
	780 mm	C4MT-07814ABB03FE0	1207107
	840 mm	C4MT-08414ABB03FE0	1207108
	900 mm	C4MT-09014ABB03FE0	1207109

- **Resolution:** 24 mm

Cable length	Protective field height	Model name	Part no.
350 mm	240 mm	C4MT-02424ABB03DE0	1207224
	300 mm	C4MT-03024ABB03DE0	1207225
	360 mm	C4MT-03624ABB03DE0	1207227
	480 mm	C4MT-04824ABB03DE0	1207229



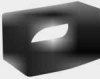



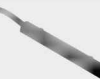
Cable length	Protective field height	Model name	Part no.
700 mm	600 mm	C4MT-06024ABB03FE0	1207231
	720 mm	C4MT-07224ABB03FE0	1207233
	900 mm	C4MT-09024ABB03FE0	1207236
	1,020 mm	C4MT-10224ABB03FE0	1207238
	1,200 mm	C4MT-12024ABB03FE0	1207241

Cascade device

- **Resolution:** 14 mm

Cable length	Protective field height	Model name	Part no.
160 mm	180 mm	C4MT-01814ABB04BE0	1207116
350 mm	240 mm	C4MT-02414ABB04DE0	1207117
	300 mm	C4MT-03014ABB04DE0	1207118
	480 mm	C4MT-04814ABB04DE0	1207121
700 mm	600 mm	C4MT-06014ABB04FE0	1207123
	720 mm	C4MT-07214ABB04FE0	1207125
	900 mm	C4MT-09014ABB04FE0	1207128

Recommended accessories

	Brief description	Model name	Part no.
<b>Mounting brackets and mounting plates</b>			
	2 pieces, C-Fix-Flex bracket, adjustable +4°/-4°, metal version, for flat and connector side assembly/assembling/construction/mounting, for all protective field heights, Metal	BEF-1SHABMAL2	2056598
	2 pieces, Combination C-Fix bracket with L-Fix bracket, 2 pieces each, for all sizes, for all protective field heights	BEF-3AAA0MKU2S04	2045843
	2 pieces, O-Fix bracket, 2 pieces, for all sizes, for all protective field heights	BEF-3SHAEMKU2	2045835
<b>Plug connectors and cables</b>			
	Head A: Female connector, M12, 5-pin, straight Head B: cable Cable: PVC, unshielded, 5 m	DOL-1205-G05M	6009868
Illustration may differ	Head A: Female connector, M12, 5-pin, straight Head B: cable Cable: PVC, unshielded, 10 m	DOL-1205-G10M	6010544
	Head A: male connector, M12, 5-pin, straight Head B: Female connector, M12, 5-pin, straight Cable: drag chain use, TPU, halogen-free, unshielded, 1 m	DSL-1205-G01MC	6029280
	Head A: male connector, M12, 5-pin, straight Head B: Female connector, M12, 5-pin, straight Cable: drag chain use, TPU, halogen-free, unshielded, 2 m	DSL-1205-G02MC	6025931
	Head A: Female connector, M12, 5-pin, straight Head B: male connector, M12, 5-pin, straight Cable: unshielded, 0.35 m Connector for cascaded Mini Twin, with 2 connecting cables and 1 male and 1 female connector M12, 5-pin	System plug cascade	2046454
	Head A: Female connector, M12, 5-pin, straight Head B: male connector, M12, 5-pin, straight Cable: unshielded, 0.7 m Connector for cascaded Mini Twin, with 2 connecting cables and 1 male and 1 female connector M12, 5-pin	System plug cascade	2046456
	Cable: unshielded, 10 m, for miniTwin Standalone	System plug standalone	2051290



### At a glance

- Type 2 (IEC 61496), SIL2 (IEC 61508), PL d (EN ISO 13849)
- Compact cross section (15 mm x 32 mm) with no dead zones
- Cascadable twin stick design – sender and receiver in a single housing
- Customized protective field heights in 60-mm increments from 120 mm to 1,200 mm
- Typical scanning ranges 0 m ... 8 m
- Intelligent, software-free configuration of external device monitoring (EDM) and reset function (RES)
- M12, 5-pin device connection

### Your benefits

- Cost-effective machine integration: its small design, cascadable features and incremental protective field heights enable a flexible adjustment to the machine design
- Standardization saves time and resources because of more straightforward logistics, order entry and service
- Simplified handling and setup: Software-free, almost fully automatic commissioning and intuitive operation with sustainable optics
- Bright LED display provides fast alignment, easy start up and clear protective field visualization ensure quick diagnostics
- End-to-end coverage in cascadable applications eliminates dead zones and shortens the safety distance, increasing productivity
- Application-specific brackets provide increased flexibility and reduce installation time

→ [www.mysick.com/en/miniTwin2](http://www.mysick.com/en/miniTwin2)

For more information, just enter the link or scan the QR code and get direct access to technical data, CAD design models, operating instructions, software, application examples and much more.



### Ordering information

Other models and accessories → [www.mysick.com/en/miniTwin2](http://www.mysick.com/en/miniTwin2)

### Standalone device

- **Resolution:** 14 mm

Cable length	Protective field height	Model name	Part no.
160 mm	120 mm	C2MT-01214BBC03BE0	1207793
	180 mm	C2MT-01814BBC03BE0	1207794
350 mm	240 mm	C2MT-02414BBC03DE0	1207795
	300 mm	C2MT-03014BBC03DE0	1207796
	360 mm	C2MT-03614BBC03DE0	1207797
	420 mm	C2MT-04214BBC03DE0	1207798
	480 mm	C2MT-04814BBC03DE0	1207799
	540 mm	C2MT-05414BBC03DE0	1207800
700 mm	600 mm	C2MT-06014BBC03FE0	1207801

- **Resolution:** 24 mm

Cable length	Protective field height	Model name	Part no.
350 mm	240 mm	C2MT-02424BBC03DE0	1207824
	300 mm	C2MT-03024BBC03DE0	1207825
	360 mm	C2MT-03624BBC03DE0	1207832
	480 mm	C2MT-04824BBC03DE0	1207834



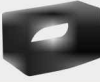



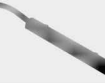
Cable length	Protective field height	Model name	Part no.
700 mm	600 mm	C2MT-06024BBC03FE0	1207836
	720 mm	C2MT-07224BBC03FE0	1207838
	900 mm	C2MT-09024BBC03FE0	1207841
	1,020 mm	C2MT-10224BBC03FE0	1207843
	1,200 mm	C2MT-12024BBC03FE0	1207846

Cascade device

- **Resolution:** 24 mm

Cable length	Protective field height	Model name	Part no.
160 mm	180 mm	C2MT-01824BBC04BE0	1207886
350 mm	240 mm	C2MT-02424BBC04DE0	1207887
	300 mm	C2MT-03024BBC04DE0	1207888
	480 mm	C2MT-04824BBC04DE0	1207891
700 mm	600 mm	C2MT-06024BBC04FE0	1207893
	720 mm	C2MT-07224BBC04FE0	1207895
	900 mm	C2MT-09024BBC04FE0	1207898

Recommended accessories

	Brief description	Model name	Part no.
<b>Mounting brackets and mounting plates</b>			
	2 pieces, C-Fix-Flex bracket, adjustable +4°/-4°, metal version, for flat and connector side assembly/assembling/construction/mounting, for all protective field heights, Metal	BEF-1SHABMAL2	2056598
	2 pieces, Combination C-Fix bracket with L-Fix bracket, 2 pieces each, for all sizes, for all protective field heights	BEF-3AAA0MKU2S04	2045843
	2 pieces, O-Fix bracket, 2 pieces, for all sizes, for all protective field heights	BEF-3SHAEMKU2	2045835
<b>Plug connectors and cables</b>			
	Head A: Female connector, M12, 5-pin, straight Head B: cable Cable: PVC, unshielded, 5 m	DOL-1205-G05M	6009868
	Head A: Female connector, M12, 5-pin, straight Head B: cable Cable: PVC, unshielded, 10 m	DOL-1205-G10M	6010544
	Head A: male connector, M12, 5-pin, straight Head B: Female connector, M12, 5-pin, straight Cable: drag chain use, TPU, halogen-free, unshielded, 1 m	DSL-1205-G01MC	6029280
	Head A: male connector, M12, 5-pin, straight Head B: Female connector, M12, 5-pin, straight Cable: drag chain use, TPU, halogen-free, unshielded, 2 m	DSL-1205-G02MC	6025931
	Head A: Female connector, M12, 5-pin, straight Head B: male connector, M12, 5-pin, straight Cable: unshielded, 0.35 m Connector for cascaded Mini Twin, with 2 connecting cables and 1 male and 1 female connector M12, 5-pin	System plug cascade	2046454
	Head A: Female connector, M12, 5-pin, straight Head B: male connector, M12, 5-pin, straight Cable: unshielded, 0.7 m Connector for cascaded Mini Twin, with 2 connecting cables and 1 male and 1 female connector M12, 5-pin	System plug cascade	2046456
	Cable: unshielded, 10 m, for miniTwin Standalone	System plug standalone	2051290



### At a glance

- Type 2 (IEC 61496), SIL1 (IEC 61508), PL c (EN ISO 13849)
- Absence of blind zones
- Resolution of 14 mm or 30 mm
- Protective field height of 300 mm to 2,100 mm
- Automatic calibration on the protective field width up to 10 m range
- Ambient operating temperature of -30 °C to +55 °C
- Enclosure rating IP 65 and IP 67
- Flexi Loop-compatible M12 male connector

### Your benefits

- Simple assembly with innovative mounting and no blind zones
- Quick commissioning thanks to integrated LED display and automatic calibration on the protective field width up to 10 m range
- Simply safe: rugged and reliable thanks to enclosure rating IP 67 and an ambient operating temperature down to -30 °C, enabling use in harsh ambient conditions
- Intelligently standardized: M12, 5-pin provide cost reductions and enables a safe series connection with Flexi Loop
- Basic function without configuration effort enables quick replacement when servicing is required

→ [www.mysick.com/en/deTec2\\_Core](http://www.mysick.com/en/deTec2_Core)

For more information, just enter the link or scan the QR code and get direct access to technical data, CAD design models, operating instructions, software, application examples and much more.



### Ordering information

Other models and accessories → [www.mysick.com/en/deTec2\\_Core](http://www.mysick.com/en/deTec2_Core)





- **Resolution:** 14 mm
- **Scanning range:** 0 m ... 7 m

Protective field height	Sender		Receiver	
	Model name	Part no.	Model name	Part no.
300 mm	C2C-SA03010A10000	1213163	C2C-EA03010A10000	1213188
450 mm	C2C-SA04510A10000	1213189	C2C-EA04510A10000	1213190
600 mm	C2C-SA06010A10000	1213191	C2C-EA06010A10000	1213192
750 mm	C2C-SA07510A10000	1213193	C2C-EA07510A10000	1213194
900 mm	C2C-SA09010A10000	1213195	C2C-EA09010A10000	1213196
1,050 mm	C2C-SA10510A10000	1213197	C2C-EA10510A10000	1213198
1,200 mm	C2C-SA12010A10000	1213183	C2C-EA12010A10000	1213199

- **Resolution:** 30 mm
- **Scanning range:** 0 m ... 10 m

Protective field height	Sender		Receiver	
	Model name	Part no.	Model name	Part no.
300 mm	C2C-SA03030A10000	1213200	C2C-EA03030A10000	1213184
450 mm	C2C-SA04530A10000	1213202	C2C-EA04530A10000	1213203
600 mm	C2C-SA06030A10000	1213204	C2C-EA06030A10000	1213205
750 mm	C2C-SA07530A10000	1213206	C2C-EA07530A10000	1213207
900 mm	C2C-SA09030A10000	1213208	C2C-EA09030A10000	1213209
1,050 mm	C2C-SA10530A10000	1213210	C2C-EA10530A10000	1213211
1,200 mm	C2C-SA12030A10000	1213212	C2C-EA12030A10000	1213213
1,350 mm	C2C-SA13530A10000	1213214	C2C-EA13530A10000	1213215
1,500 mm	C2C-SA15030A10000	1213216	C2C-EA15030A10000	1213217
1,650 mm	C2C-SA16530A10000	1213218	C2C-EA16530A10000	1213219
1,800 mm	C2C-SA18030A10000	1213220	C2C-EA18030A10000	1213221
1,950 mm	C2C-SA19530A10000	1213222	C2C-EA19530A10000	1213223
2,100 mm	C2C-SA21030A10000	1213201	C2C-EA21030A10000	1213164

### Recommended accessories

	Brief description	Model name	Part no.
<b>Terminal and alignment brackets</b>			
	4 pieces, FlexFix bracket, Plastic	BEF-1SHABPKU4	2066614
	2 pieces, QuickFix bracket, Plastic	BEF-3SHABPKU2	2066048
<b>Adapters and distributors</b>			
	T-connector plugs directly into receiver, splits the single home run from control cabinet between sender and receiver	DSC-1205T000025KM0	6030664
<b>Plug connectors and cables</b>			
	Head A: Female connector, M12, 5-pin, straight Head B: cable Cable: TPU, halogen-free, unshielded, 5 m	DOL-1205-G05MC	6025907
	Head A: Female connector, M12, 5-pin, straight Head B: cable Cable: TPU, halogen-free, unshielded, 10 m	DOL-1205-G10MC	6025908
	Head A: Female connector, M12, 5-pin, straight Head B: cable Cable: TPU, halogen-free, unshielded, 20 m	DOL-1205-G20MC	6050247