

DS500/DT500

Laser sensor measures distances to 30 m – on black material in proximity mode



DS500 – distance sensor with two user taught switch outputs. Suitable for precise and reliable detection of objects – even with black surfaces – at a distance of up to 30 m. The high resolution of the sensor enables exact background suppression even in the presence of bright surfaces in the background.

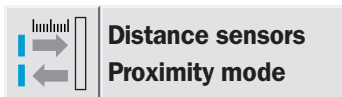
Typical applications are:

- anti-collision control,
- detection of small parts over a large scanning distance,
- part detection in material handling applications.

DT500 – distance sensor with analogue output or, optionally, with CAN Bus. A universal sensor for distance measurement of black objects at a distance of up to 30 m. With a resolution of 1 mm and an accuracy of 3 mm, the DT500 can be used for precise measurement tasks.

Typical applications are:

- contour detection,
- diameter measurement,
- difference measurements,
- positioning of parts,
- stack height measurement/classification.



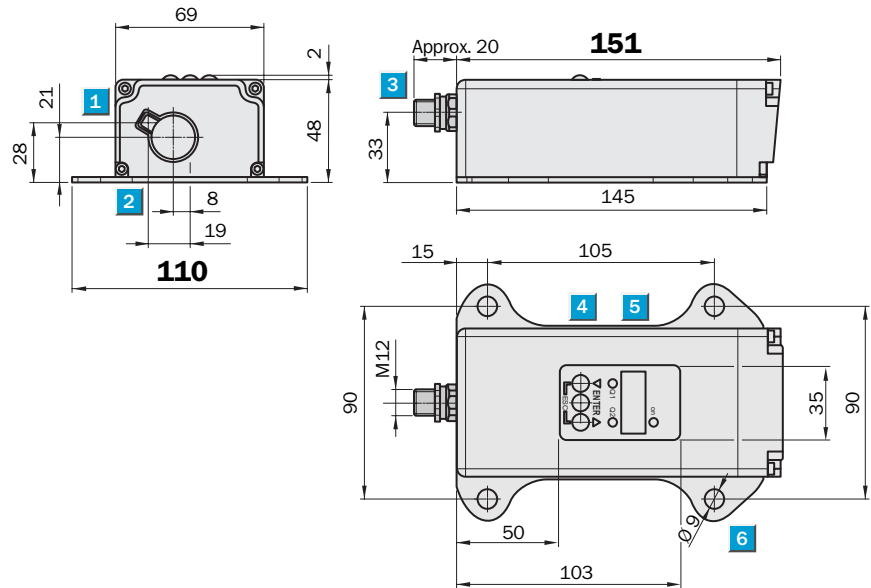
The sensors within the DS/DT500 series are ideal for applications in rough environmental conditions due to their robust metal housing. Using the time of flight principle, a red laser detects the precise distance to the target object. The measurement laser is clearly visible on the target even at large distances, similar to a laser pointer. An integrated display on the housing of the sensor illustrates the current measurement value and enables easy set-up of switch positions. For outdoor applications, versions are available with integrated heating and a weather protection hood.

SICK

	Measuring range 0.2 ... 30 m
Distance sensor	

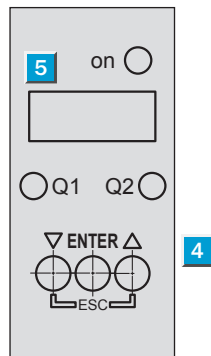
- High measurement accuracy thanks to time of flight measurement
- Simple alignment using red laser light
- Two distance switching outputs
- Metal housing with integral heating option
- Weather protection housing optional
- Alignment bracket optional

Dimensional drawing



Adjustments possible

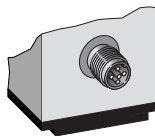
All types



- 1 Optical axis – sender
- 2 Optical axis – receiver
- 3 M12 plug, 5-pin
- 4 Operating components
- 5 Indicator
- 6 Mounting hole

Connection type

All types



5-pin, M12

brn	1	L+
blu	3	M
blk	4	Q1
wht	2	Q2
gra	5	MF

Accessories

- Cables and connectors
- Mounting systems
- Special accessories

Teach-in	MF active	Model
Q1	100 ms	Current measurement value is used as switching threshold
Q1	200 ms	
Q2	300 ms	
Q2	400 ms	
Laser off	> 450 ms	

Technical data		DS500-	P111	P211	N111	N211						
Measuring range		0.2 ... 18 m (black), 6 % remission										
		0.2 ... 30 m (white), 90 % remission										
Light spot diameter		45 mm at 30 m										
Light source ¹⁾, light type		Laser diode, red light										
Laser class		2 (EN 60825/21 CFR 1040)										
Supply voltage V_s ²⁾		10 ... 30 V DC ³⁾										
Residual ripple ⁴⁾		5 V _{PP}										
Power consumption typ. without heating		3 W										
	with heating	22 W										
Response time	standard	250 ms										
Resolution		1 mm										
Switching accuracy		± 3 mm										
Temperature drift		Typ. 0.05 mm/K										
Switching outputs Q1, Q2		PNP										
		NPN										
Load current		< 100 mA										
Residual voltage		< 2 V										
External Teach ET	MF < 450 ms	Teach: > 12 V < V _S										
		Teach: < 2 V										
Laser off	MF > 450 ms	Free-running < 2 V or unswitched										
		Free-running > 12 V < V _S										
VDE protection class ⁵⁾		□										
Enclosure rating		IP 65										
Ambient temperature	without heating	Operation -10 °C ... +50 °C										
	with heating	Operation -40 °C ... +50 °C ³⁾										
		Storage -25 °C ... +75 °C										
Weight		Approx. 1000 g										
Initialisation period		Typ. 500 ms										
EMC		EN 61000-6-2, EN 55011										
Mechanical load		Shock: EN 600 86-2-27/-2-29										
		Sine: EN 600 68-2-6										
		Noise: EN 600 68-2-64										

¹⁾ Average service life 50,000 h
at T_A = +25 °C

²⁾ Reverse-polarity protected

³⁾ V_S ≥ 24 V DC for DS500-P2xx
with heating

⁴⁾ May not exceed or fall short of
V_S tolerances

⁵⁾ Reference voltage 32 V DC

Error performance or no object in visibility field		Order information	
Error:	Measurement value output display: 0.000	Type	Order no.
	Switching outputs: Switching stage ≅ measurement value 0 m	DS500-P111	1026519
No object in visibility field:		DS500-P211	1026520
	Measurement value output display: 99.99	DS500-N111	1026521
	Switching outputs: Switching stage ≅ measurement value 99.99 m	DS500-N211	1026522

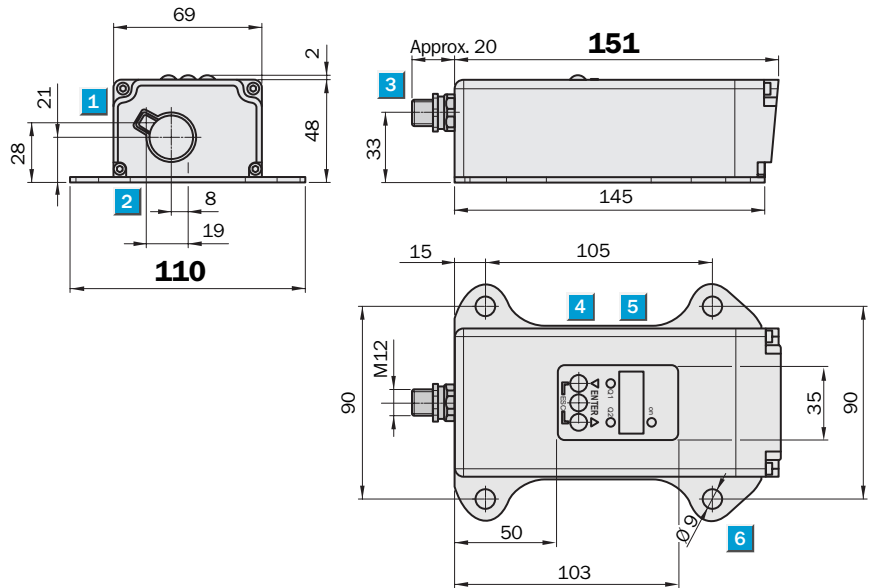


Measuring range
0.2 ... 7 m

Distance sensor

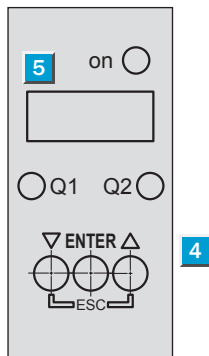
- High measurement accuracy thanks to time of flight measurement
- Simple alignment using red laser light
- Two distance switching outputs
- Metal housing with integral heating option
- Weather protection housing optional
- Alignment bracket optional

Dimensional drawing



Adjustments possible

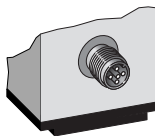
All types



- 1 Optical axis – sender
- 2 Optical axis – receiver
- 3 M12 plug, 5-pin
- 4 Operating components
- 5 Indicator
- 6 Mounting hole

Connection type

All types



5-pin, M12



Accessories

- Cables and connectors
- Mounting systems
- Special accessories

Teach-in	MF active	Model
Q1	100 ms	Current measurement value is used as switching threshold
Q1	200 ms	
Q2	300 ms	
Q2	400 ms	
Laser off	> 450 ms	

Technical data		DS500-	P311	P411	N311	N411						
Measuring range	0.2 ... 7 m ¹⁾											
Light spot diameter	10 mm at 7 m											
Light source ²⁾, light type	Laser diode, red light											
Laser class	2 (EN 60825/21 CFR 1040)											
Supply voltage V_S ³⁾	10 ... 30 V DC ⁴⁾											
Residual ripple ⁵⁾	5 V _{PP}											
Power consumption typ. without heating	3 W											
with heating	22 W											
Response time	150 ms											
Resolution	1 mm											
Switching accuracy	± 3 mm											
Temperature drift	Typ. 0.05 mm/K											
Switching outputs Q1, Q2	PNP											
	NPN											
Load current	< 100 mA											
Residual voltage	< 2 V											
External Teach ET	MF < 450 ms	Teach: > 12 V < V _S										
		Teach: < 2 V										
Laser off	MF > 450 ms	Free-running < 2 V or unswitched										
		Free-running > 12 V < V _S										
VDE protection class ⁶⁾	□											
Enclosure rating	IP 65											
Ambient temperature without heating	Operation	-10 °C ... +50 °C										
with heating	Operation	-40 °C ... +50 °C ³⁾										
	Storage	-25 °C ... +75 °C										
Weight	Approx. 1000 g											
Initialisation period	Typ. 500 ms											
EMC	EN 61000-6-2, EN 55011											
Mechanical load	Shock: EN 600 86-2-27/-2-29											
	Sine: EN 600 68-2-6											
	Noise: EN 600 68-2-64											

¹⁾ Accurate to 7 m only²⁾ Average service life 50,000 h
at T_A = +25 °C³⁾ Reverse-polarity protected⁴⁾ V_S ≥ 24 V DC for DS500-P2xx
with heating⁵⁾ May not exceed or fall short of
V_S tolerances⁶⁾ Reference voltage 32 V DC

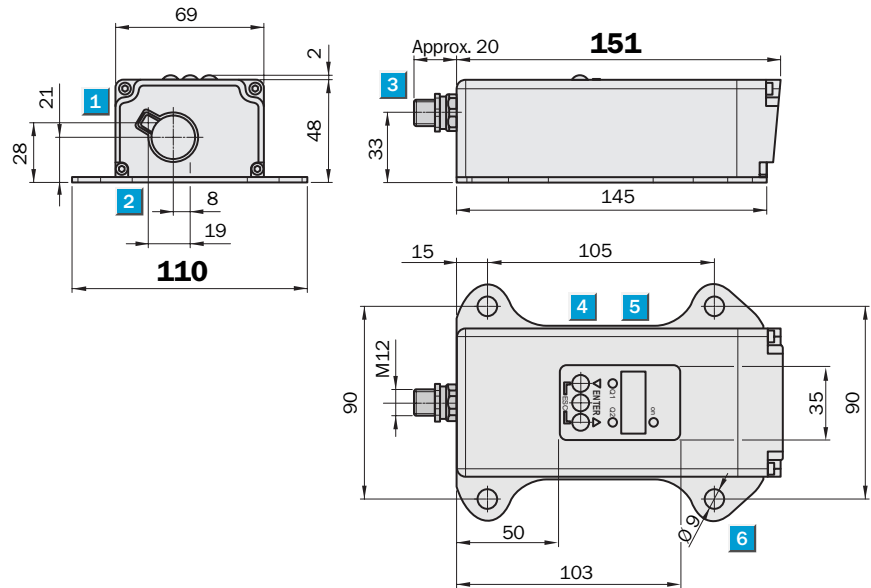
Error performance or no object in visibility field		Order information	
Error:	Measurement value output display: 0.000	Type	Order no.
	Switching outputs: Switching stage ≅ measurement value 0 m	DS500-P311	1040477
No object in visibility field:		DS500-P411	1040478
	Measurement value output display: 99.99	DS500-N311	1040481
	Switching outputs: Switching stage ≅ measurement value 99.99 m	DS500-N411	1040482

Measuring range
0.2 ... 70 m

Distance sensor

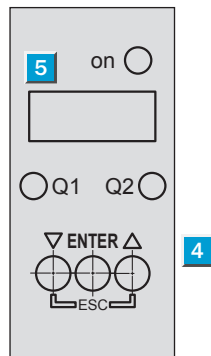
- High measurement accuracy thanks to time of flight measurement
- Simple alignment using red laser light
- Two distance switching outputs
- Metal housing with integral heating option
- Weather protection housing optional
- Alignment bracket optional

Dimensional drawing



Adjustments possible

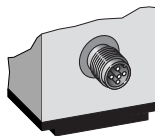
All types



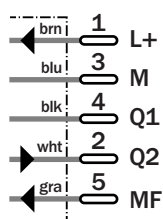
- 1 Optical axis – sender
- 2 Optical axis – receiver
- 3 M12 plug, 5-pin
- 4 Operating components
- 5 Indicator
- 6 Mounting hole

Connection type

All types



5-pin, M12



Accessories

- Cables and connectors
- Mounting systems
- Special accessories

Teach-in	MF active	Model
Q1	100 ms	Current measurement value is used as switching threshold
Q1	200 ms	
Q2	300 ms	
Q2	400 ms	
Laser off	> 450 ms	

Technical data		DS500-	P511	P611	N511	N611						
Measuring range	0.2 ... 30 m (black), 6 % remission											
	0.2 ... 70 m (white), 90 % remission											
Light spot diameter	100 mm at 70 m											
Light source ¹⁾, light type	Laser diode, red light											
Laser class	2 (EN 60825/21 CFR 1040)											
Supply voltage V_s ²⁾	10 ... 30 V DC ³⁾											
Residual ripple ⁴⁾	5 V _{PP}											
Power consumption typ. without heating	3 W											
	with heating	22 W										
Response time	0.15 ... 6 s											
Resolution	1 mm											
Switching accuracy	± 3 mm											
Temperature drift	Typ. 0.05 mm/K											
Switching outputs Q1, Q2	PNP											
	NPN											
Load current	< 100 mA											
Residual voltage	< 2 V											
External Teach ET	MF < 450 ms	Teach: > 12 V < V _S										
		Teach: < 2 V										
Laser off	MF > 450 ms	Free-running < 2 V or unswitched										
		Free-running > 12 V < V _S										
VDE protection class ⁵⁾	□											
Enclosure rating	IP 65											
Ambient temperature	without heating	Operation -10 °C ... +50 °C										
	with heating	Operation -40 °C ... +50 °C ³⁾										
		Storage -25 °C ... +75 °C										
Weight	Approx. 1000 g											
Initialisation period	Typ. 500 ms											
EMC	EN 61000-6-2, EN 55011											
Mechanical load		Shock: EN 600 86-2-27/-2-29										
		Sine: EN 600 68-2-6										
		Noise: EN 600 68-2-64										

¹⁾ Average service life 50,000 h
at T_A = +25 °C

²⁾ Reverse-polarity protected

³⁾ V_S ≥ 24 V DC for DS500-P6xx
with heating

⁴⁾ May not exceed or fall short of
V_S tolerances

⁵⁾ Reference voltage 32 V DC

Error performance or no object in visibility field		Order information	
Error:	Measurement value output display: 0.000	Type	Order no.
	Switching outputs: Switching stage ≅ measurement value 0 m	DS500-P511	1040479
No object in visibility field:		DS500-P611	1040480
	Measurement value output display: 99.99	DS500-N511	1040483
	Switching outputs: Switching stage ≅ measurement value 99.99 m	DS500-N611	1040484

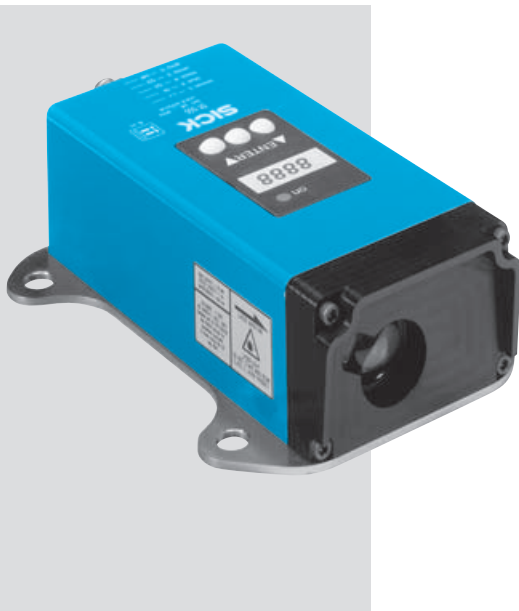
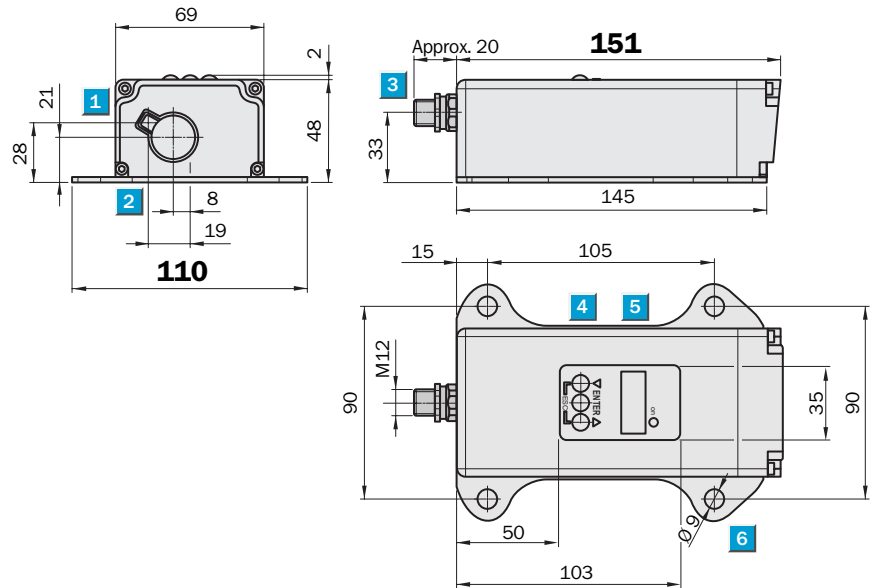


Measuring range
0.2 ... 30 m

Distance sensor

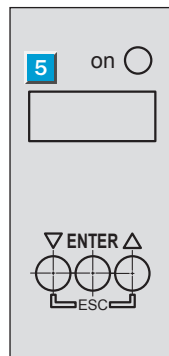
- High measurement accuracy thanks to time of flight measurement
- Simple alignment using red laser light
- Analogue current interface
- CAN Bus
- Metal housing with integral heating option
- Weather protection housing optional
- Alignment bracket optional

Dimensional drawing



Adjustments possible

All types

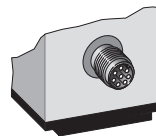
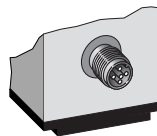


- 1** Optical axis – sender
- 2** Optical axis – receiver
- 3** M12 plug, 5-pin
- 4** Operating components
- 5** Indicator
- 6** Mounting hole

Connection type

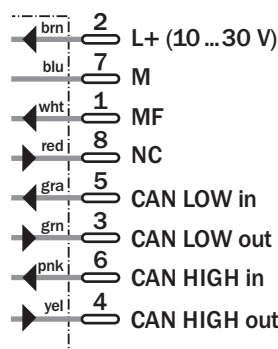
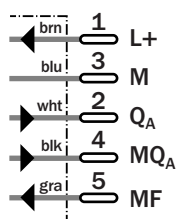
Analogue (-A .. 1)

CAN (-A .. 3)



5-pin, M12

8-pin, M12



Accessories

Cables and connectors

Mounting systems

Special accessories

Technical data		DT500-	A111	A211	A123	A223						
Measuring range	0.2 ... 18 m (black), 6 % remission											
	0.2 ... 30 m (white), 90 % remission											
Reproducibility ¹⁾	1 mm											
Accuracy	±3 mm											
Temperature drift	Typ. 0.05 mm/K											
Measured value output	250 ms											
Light spot diameter	45 mm at 30 m											
Resolution	0.1 mm											
Light source ²⁾, light type	Laser diode, red light											
Laser class	2 (EN 60825/21 CFR 1040)											
Supply voltage V_S ³⁾	10 ... 30 V DC ⁴⁾											
Residual ripple ⁵⁾	5 V _{PP}											
Power consumption typ. without heating	3 W											
	with heating	22 W										
External Teach ET	MF < 450 ms	Teach: > 12 V										
Laser off	MF > 450 ms	Free-running > 12 V										
No false triggering on power-up	Typ. 500 ms											
Current output	0 ... 20 mA/4 ... 20 mA											
Interface	CAN											
VDE protection class ⁶⁾	□											
Device connection	M12, 8-pin											
	M12, 5-pin											
CAN (CANopen Features)	20 ... 1000 kbit/s											
CAN Address	11 bits in size											
Enclosure rating	IP 65											
Ambient temperature without heating	Operation	-10 °C ... +50 °C										
	with heating	Operation	-40 °C ... +50 °C ⁴⁾									
		Storage	-25 °C ... +75 °C									
Weight	Approx. 1000 g											
Initialisation period	Typ. 500 ms											
EMC	EN 61000-6-2, EN 55011											
	EN 60947-5-7:2003-09											
Mechanical load	Shock: EN 600 86-2-27/-2-29											
	Sine: EN 600 68-2-6											
	Noise: EN 600 68-2-64											

¹⁾ Statistical error 1 σ , environmental conditions constant

²⁾ Average service life 50,000 h at $T_A = +25$ °C

³⁾ Reverse-polarity protected

⁴⁾ $V_S \geq 24$ V DC for DT500-A2xx with heating

⁵⁾ May not exceed or fall short of V_S tolerances

⁶⁾ Reference voltage 32 V DC

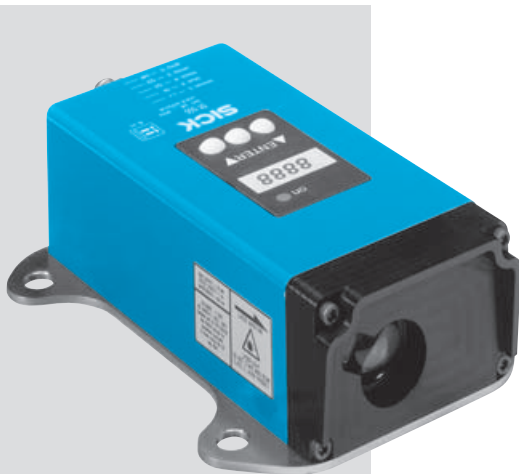
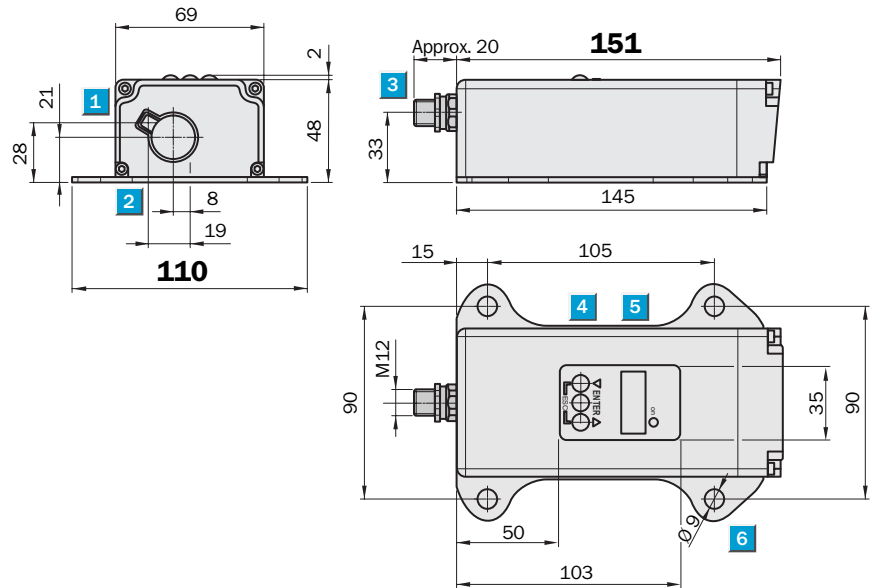
Error performance or no object in visibility field		Order information	
Error:	Measurement value output display: 0.000	Type	Order no.
	Analogue interface: 0/3.5 mA	DT500-A111	1026515
	CAN Bus: 00000	DT500-A211	1026516
		DT500-A123	1040468
		DT500-A223	1040469
No object in visibility field:	Measurement value output display: 99.99		
	Analogue interface: 20.5 mA		
	CAN Bus: 99999		

Measuring range
0.2 ... 7 m

Distance sensor

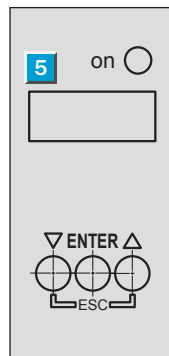
- High measurement accuracy thanks to time of flight measurement
- Simple alignment using red laser light
- Analogue current interface
- CAN Bus
- Metal housing with integral heating option
- Weather protection housing optional
- Alignment bracket optional

Dimensional drawing



Adjustments possible

All types

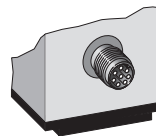
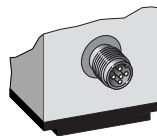


- 1 Optical axis – sender
- 2 Optical axis – receiver
- 3 M12 plug, 5-pin
- 4 Operating components
- 5 Indicator
- 6 Mounting hole

Connection type

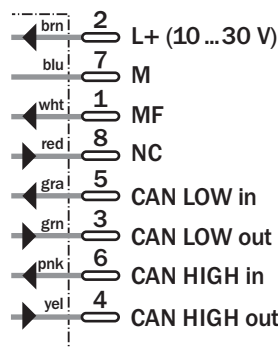
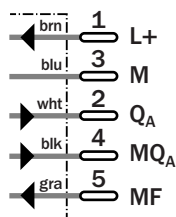
Analogue (-A .. 1)

CAN (-A .. 3)



5-pin, M12

8-pin, M12



Accessories

Cables and connectors

Mounting systems

Special accessories

Technical data			DT500-	A311	A411	A323	A423						
Measuring range	0.2 ... 7 m ¹⁾												
	6 ... 90 % remission												
Reproducibility ²⁾	1 mm												
Accuracy	±3 mm												
Temperature drift	Typ. 0.05 mm/K												
Measured value output	150 ms												
Light spot diameter	10 mm at 7 m												
Resolution	0.1 mm												
Light source ³⁾, light type	Laser diode, red light												
Laser class	2 (EN 60825/21 CFR 1040)												
Supply voltage V_S ⁴⁾	10 ... 30 V DC ⁵⁾												
Residual ripple ⁶⁾	5 V _{PP}												
Power consumption typ. without heating	3 W												
	with heating	22 W											
External Teach ET	MF < 450 ms	Teach: > 12 V											
Laser off	MF > 450 ms	Free-running > 12 V											
No false triggering on power-up	Typ. 500 ms												
Current output	0 ... 20 mA/4 ... 20 mA												
Interface	CAN												
VDE protection class ⁷⁾	□												
Device connection	M12, 8-pin												
	M12, 5-pin												
CAN (CANopen Features)	20 ... 1000 kbit/s												
CAN Address	11 bits in size												
Enclosure rating	IP 65												
Ambient temperature without heating	Operation	-10 °C ... +50 °C											
	with heating	Operation	-40 °C ... +50 °C ⁴⁾										
		Storage	-25 °C ... +75 °C										
Weight	Approx. 1000 g												
Initialisation period	Typ. 500 ms												
EMC	EN 61000-6-2, EN 55011												
	EN 60947-5-7:2003-09												
Mechanical load	Shock: EN 600 86-2-27/-2-29												
	Sine: EN 600 68-2-6												
	Noise: EN 600 68-2-64												

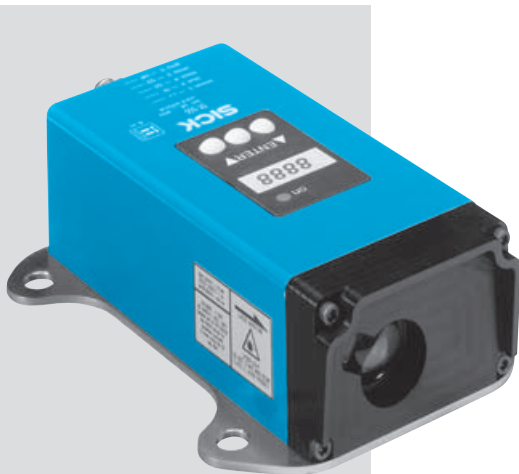
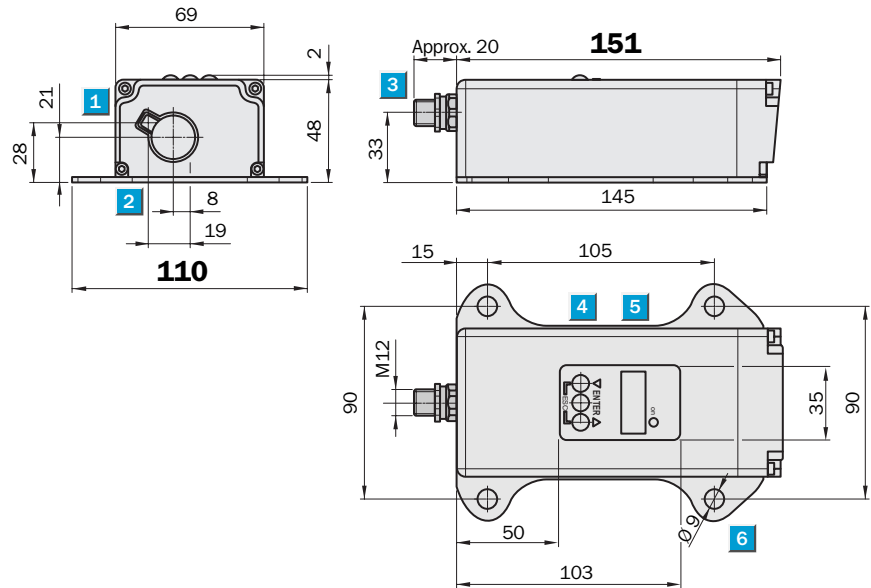
¹⁾ Accurate to 7 m only²⁾ Statistical error 1 σ, environmental conditions constant³⁾ Average service life 50,000 h at T_A = +25 °C⁴⁾ Reverse-polarity protected⁵⁾ V_S ≥ 24 V DC for DT500-A4xx with heating⁶⁾ May not exceed or fall short of V_S tolerances⁷⁾ Reference voltage 32 V DC

Error performance or no object in visibility field			Order information	
Error:	Measurement value output display:	0.000	Type	Order no.
	Analogue interface:	0/3.5 mA	DT500-A311	1040475
	CAN Bus:	00000	DT500-A411	1040465
			DT500-A323	1040470
			DT500-A423	1040471
No object in visibility field:	Measurement value output display:	99.99		
	Analogue interface:	20.5 mA		
	CAN Bus:	99999		

	Measuring range 0.2 ... 70 m
Distance sensor	

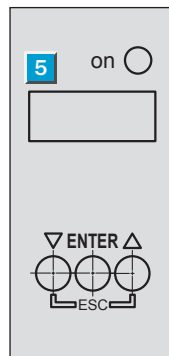
- High measurement accuracy thanks to time of flight measurement
- Simple alignment using red laser light
- Analogue current interface
- CAN Bus
- Metal housing with integral heating option
- Weather protection housing optional
- Alignment bracket optional

Dimensional drawing



Adjustments possible

All types

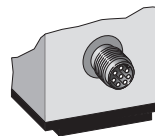
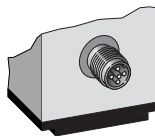


- 1 Optical axis – sender
- 2 Optical axis – receiver
- 3 M12 plug, 5-pin
- 4 Operating components
- 5 Indicator
- 6 Mounting hole

Connection type

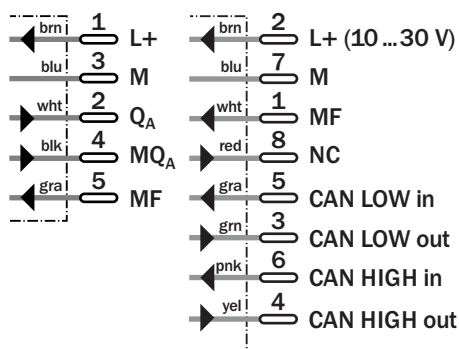
Analogue (-A .. 1)

CAN (-A .. 3)



5-pin, M12

8-pin, M12



Accessories

Cables and connectors

Mounting systems

Special accessories

Technical data		DT500-	A511	A611	A523	A623						
Measuring range	0.2 ... 30 m (black), 6 % remission											
	0.2 ... 70 m (white), 90 % remission											
Reproducibility ¹⁾	1 mm											
Accuracy	±3 mm											
Temperature drift	Typ. 0.05 mm/K											
Measured value output	150 ms – 6 s free running											
Light spot diameter	10 mm at 7 m											
Resolution	0.1 mm											
Light source ²⁾, light type	Laser diode, red light											
Laser class	2 (EN 60825/21 CFR 1040)											
Supply voltage V_S ³⁾	10 ... 30 V DC ⁴⁾											
Residual ripple ⁵⁾	5 V _{PP}											
Power consumption typ. without heating	3 W											
	with heating	22 W										
External Teach ET	MF < 450 ms	Teach: > 12 V										
Laser off	MF > 450 ms	Free-running > 12 V										
No false triggering on power-up	500 ms											
Current output	0 ... 20 mA/4 ... 20 mA											
Interface	CAN											
VDE protection class ⁶⁾	□											
Device connection	M12, 8-pin											
	M12, 5-pin											
CAN (CANopen Features)	20 ... 1000 kbit/s											
CAN Address	11 bits in size											
Enclosure rating	IP 65											
Ambient temperature without heating	Operation	–10 °C ... +50 °C										
	with heating	Operation	–40 °C ... +50 °C ⁴⁾									
		Storage	–25 °C ... +75 °C									
Weight	Approx. 1000 g											
Initialisation period	Typ. 500 ms											
EMC	EN 61000-6-2, EN 55011											
	EN 60947-5-7:2003-09											
Mechanical load	Shock: EN 600 86-2-27/-2-29											
	Sine: EN 600 68-2-6											
	Noise: EN 600 68-2-64											

¹⁾ Statistical error 1 σ , environmental conditions constant

²⁾ Average service life 50,000 h at $T_A = +25\text{ °C}$

³⁾ Reverse-polarity protected

⁴⁾ $V_S \geq 24\text{ V DC}$ for DT500-A6xx with heating

⁵⁾ May not exceed or fall short of V_S tolerances

⁶⁾ Reference voltage 32 V DC

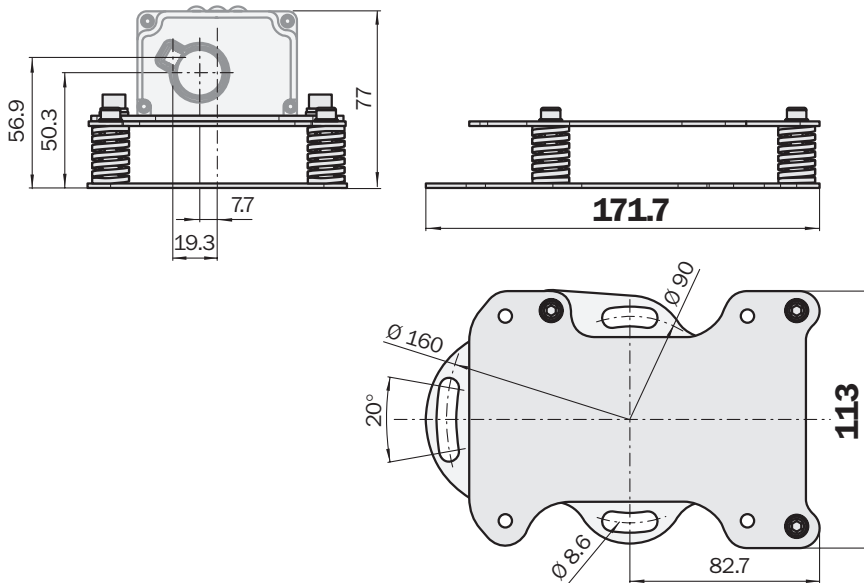
Error performance or no object in visibility field		Order information	
Error:	Measurement value output display: 0.000	Type	Order no.
	Analogue interface: 0/3.5 mA	DT500-A511	1040466
	CAN Bus: 00000	DT500-A611	1040467
		DT500-A523	1040472
		DT500-A623	1040473
No object in visibility field:	Measurement value output display: 99.99		
	Analogue interface: 20.5 mA		
	CAN Bus: 99999		

Dimensional drawings and order information

Special accessories

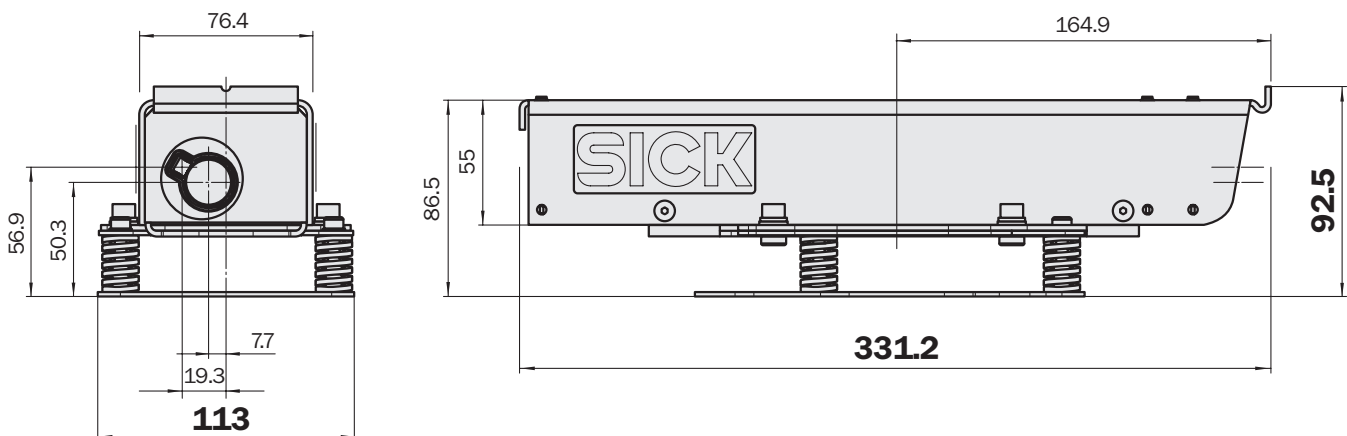
Alignment bracket

Type	Order no.
BEF-DSDT	2 031 377



Weather protection hood

Type	Order no.
WSG-DSDT	2 031 376



Dimensional drawings and order information

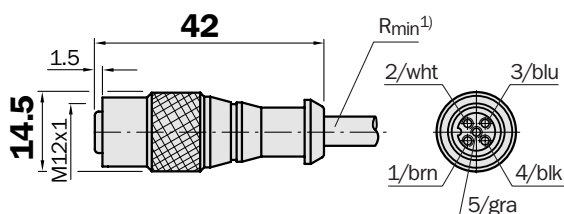
Cables and connectors

SENSICK screw-in system M12, 4- or 5-pin, enclosure rating IP 67

Female connector M12, 4- or 5-pin, straight

Cable diameter 5/6 mm, 4/5 x 0.25 mm², sheath PVC

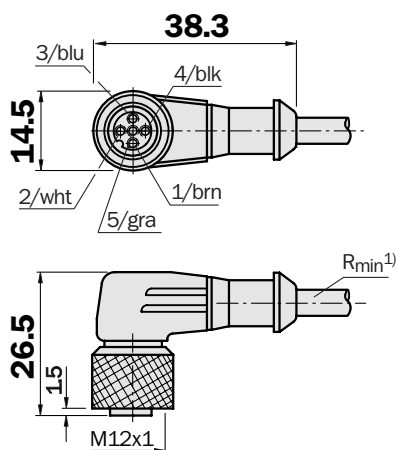
Type	Order no.	Contacts	Cable length
DOL-1204-G02M	6009382	4	2 m
DOL-1204-G05M	6009866	4	5 m
DOL-1204-G10M	6010543	4	10 m
DOL-1204-G15M	6010753	4	15 m
DOL-1205-G02M	6008899	5	2 m
DOL-1205-G05M	6009868	5	5 m
DOL-1205-G10M	6010544	5	10 m



Female connector M12, 4- or 5-pin, right angle

Cable diameter 5/6 mm, 4/5 x 0.25 mm², sheath PVC

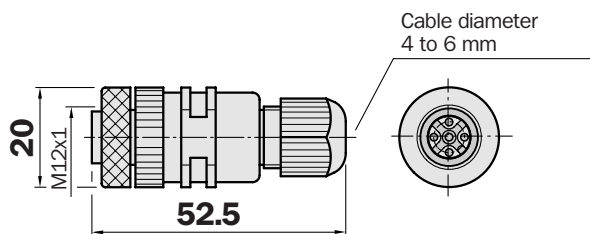
Type	Order no.	Contacts	Cable length
DOL-1204-W02M	6009383	4	2 m
DOL-1204-W05M	6009867	4	5 m
DOL-1204-W10M	6010541	4	10 m
DOL-1205-W02M	6008900	5	2 m
DOL-1205-W05M	6009869	5	5 m
DOL-1205-W10M	6010542	5	10 m



¹) Minimum bend radius in dynamic use
 $R_{min} = 20 \times \text{cable diameter}$

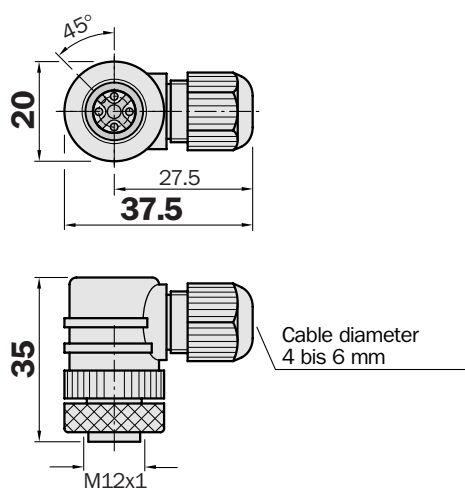
Female connector M12, 4- or 5-pin, straight

Type	Order no.	Contacts
DOS-1204-G	6007302	4
DOS-1205-G	6007719	5



Female connector M12, 4- or 5-pin, right angle

Type	Order no.	Contacts
DOS-1204-W	6007303	4
DOS-1205-W	6007720	5



Australia

Phone +61 3 9497 4100
1800 33 48 02 – tollfree
E-Mail sales@sick.com.au

Belgium/Luxembourg

Phone +32 (0)2 466 55 66
E-Mail info@sick.be

Brasil

Phone +55 11 5091-4900
E-Mail sac@sick.com.br

Ceská Republika

Phone +420 2 57 91 18 50
E-Mail sick@sick.cz

China

Phone +852-2763 6966
E-Mail ghk@sick.com.hk

Danmark

Phone +45 45 82 64 00
E-Mail sick@sick.dk

Deutschland

Phone +49 (0)2 11 53 01-250
E-Mail info@sick.de

España

Phone +34 93 480 31 00
E-Mail info@sick.es

France

Phone +33 1 64 62 35 00
E-Mail info@sick.fr

Great Britain

Phone +44 (0)1727 831121
E-Mail info@sick.co.uk

India

Phone +91-22-2822 7084
E-Mail info@sick-india.com

Italia

Phone +39 02 27 43 41
E-Mail info@sick.it

Japan

Phone +81 (0)3 3358 1341
E-Mail support@sick.jp

Nederlands

Phone +31 (0)30 229 25 44
E-Mail info@sick.nl

Norge

Phone +47 67 81 50 00
E-Mail austefjord@sick.no

Österreich

Phone +43 (0)22 36 62 28 8-0
E-Mail office@sick.at

Polska

Phone +48 22 837 40 50
E-Mail info@sick.pl

Republic of Korea

Phone +82-2 786 6321/4
E-Mail kang@sickkorea.net

Republika Slovenija

Phone +386 (0)1-47 69 990
E-Mail office@sick.si

Russia

Phone +7 495 775 05 34
E-Mail denis.kesaev@sick-
automation.ru

Schweiz

Phone +41 41 619 29 39
E-Mail contact@sick.ch

Singapore

Phone +65 6744 3732
E-Mail admin@sicksgp.com.sg

Suomi

Phone +358-9-25 15 800
E-Mail sick@sick.fi

Sverige

Phone +46 8 680 64 50
E-Mail info@sick.se

Taiwan

Phone +886 2 2365-6292
E-Mail sickgrc@ms6.hinet.net

Türkiye

Phone +90 216 587 74 00
E-Mail info@sick.com.tr

USA/Canada/México

Phone +1(952) 941-6780
1 800-325-7425 – tollfree
E-Mail info@sickusa.com

More representatives and agencies
in all major industrial nations at
www.sick.com