EVERYTHING FROM A SINGLE SOURCE!

THE RIGHT SENSOR FOR EVERY APPLICATION.

Special prices valid for all My SICK web shop orders until December 15th, 2021

SICK

Sensor Intelligence.

EVERYTHING FROM A SINGLE SOURCE – THE RIGHT SENSOR FOR EVERY APPLICATION

THE RIGHT SENSOR WITH THE IDEAL ACCESSORIES
Order your sensors now at **particularly favorable special prices** in the My SICK web shop!

From factory automation to logistics automation and process automation, SICK's sensor solutions are keeping industry moving. As a technology and market leader, SICK provides sensor intelligence and application solutions that create the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents, and preventing damage to the environment.

The right sensor for every application „**We simply detect any object**"!

ALL-IN-ONE-2021
Your My SICK web shop promotion

This is how you get the special prices of the "ALL-IN-ONE-2021" promotion: Simply log in or register online on My SICK – and you can order the selected products at particularly favorable special prices in the My SICK web shop.

Profit from the high-quality sensors from the extensive SICK portfolio – at particularly favorable conditions.

Are you new to the My SICK web shop?

Register now!
And get an attractive welcome gift for your first My SICK web shop order!
(while stocks last)

➜ www.sick.com/at/en/registration-benefits/w/myBenefits/

Promotion conditions
- Special prices apply only to the products listed in this brochure when ordering via the My SICK web shop during the promotional period until 15.12.2021.
- Existing orders and special agreements such as annual contracts, framework agreements, aso are excluded from the promotion.
- This promotion is only valid in the sales region of SICK Austria (Austria and Southeastern Europe).
- The General Terms and Conditions of SICK GmbH apply.

My SICK web shop promotion "ALL-IN-ONE-2021"
The special prices are valid for all orders of the promotional products in the My SICK web shop until 15.12.2021!

CONTENT

OVERVIEW

PHOTOELECTRIC SENSORS PowerProx WTT2SL & WTT4SL

The new home of sensing range

Your benefits

- Sensor/Detection principle: time-of-flight technology

- Closely installed sensors no longer have to be accessible; they can be set and monitored via IO-Link

- Reliable object detection over long sensing ranges and at large detection angles

- Great design freedom, the ultra-small sensors offer above-average switching distances and can be installed to save space

For more information and other device versions, simply 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.

→ www.sick.com/at/en/powerprox

Ordering information

Photoelectric proximity sensors PowerProx Micro (WTT2SL) and Mini (WTT4SL)

Micro WTT2SL: Type of light/Light source: Infrared light/Laserclass 1; Switching mode: light/dark switching; Adjustment: Single teach-in button
Mini WTT4SL: Type of light/Light source: Visible red light/Laserclass 1; Switching mode: light/dark switching; Adjustment: Single teach-in button/IO-Link

Product link
By clicking on type or Part number directly to all product details!

Sensing range	Light spot size (distance)	Switching output	Connection type	Type	Part no.	Special price €/pcs.
50 mm ... 800 mm	Ø 10 mm (300 mm)	PNP	Cable, 4-wire, 2 m	WTT2SL-2P1192	1081626	52,00
			Cable with M8 male connector, 4-pin, 200 mm	WTT2SL-2P3292	1085602	52,00
50 mm ... 1,300 mm	Ø 4 mm (1,000 mm)	Push-pull: PNP/NPN	Male connector M8, 4-pin	WTT4SLC-3B2262A00	1097190	120,00
			Cable with M12 male connector, 4-pin, 150 mm	WTT4SLC-3B3462A00	1111828	120,00
			Cable with M8 male connector, 4-pin, 100 mm	WTT4SLC-3B3262A00	1097220	125,00

Other device versions on request or at www.sick.com/at/en/powerprox

INDUCTIVE PROXIMITY SENSORS IME
The economic standard for use in industrial environments

Your benefits

- High machine availability and robust design thanks to full encapsulation
- Highly cost-efficient thanks to low purchase costs
- Wide selection available thanks to extensive standard portfolio

For more information and other device versions, simply 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.

→ **www.sick.com/at/en/ime**

Product link
By clicking on type or Part number directly to all product details!

Ordering information
Inductive proximity sensors IME
Switching output: PNP; Output Function: NO

Thread size	Installation type	Housing length	Connection type	Sensing range S_n	Type	Part no.	Special price €/pcs.
M8 x 1	flush	50 mm	Connector M8, 3-pin	2 mm	IME08-02BPSZT0S	1040870	12,38
	non-flush	50 mm	Connector M8, 3-pin	4 mm	IME08-04NPSZT0S	1040886	12,38
M12 x 1	flush	46 mm	Male connector M12, 4-pin	4 mm	IME12-04BPSZC0K	1040763	10,73
	flush	65 mm	Male connector M12, 4-pin	4 mm	IME12-04BPSZC0S	1040764	10,73
	non-flush	65 mm	Male connector M12, 4-pin	8 mm	IME12-08NPSZC0S	1040780	10,73
M18 x 1	flush	69 mm	Male connector M12, 4-pin	8 mm	IME18-08BPSZC0S	1040966	11,86
	non-flush	69 mm	Male connector M12, 4-pin	8 mm	IME18-08NPSZC0S	1040950	11,86

Other device versions on request or at www.sick.com/at/en/ime

MAGNETIC CYLINDER SENSORS MZT7

The essentials taken to the max

Your benefits

- One sensor for a wide range of applications: The sensor design fits into all standard T-slots worldwide, regardless of cylinder profile or make
- Simple mounting: Sensor holds its position even before the screw is tightened thanks to lateral retaining libs
- Fast mounting: Sensor is securely and quickly fixed in the slot with a quarter turn
- Cylinder types with adapter for: Profile cylinder, Tie rod cylinder, Round body cylinder, Dovetail groove cylinder, SMC rail CDQ2, SMC rail ECDQ2

For more information and other device versions, simply 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.

→ www.sick.com/at/en/mzt7

Product link
By clicking on type or Part number directly to all product details!

Ordering information

Magnetic cylinder sensors MZT7

Cylinder type: T-slot; Switching output: PNP; Output function: NO

Connection type		Material (cable)	Type	Part no.	Special price €/pcs.
Cable with connector M8, 3-pin	0.3 m	PUR	MZT7-03VPS-KP0	1070814	13,36
	with knurled nuts, 0.5 m	PUR	MZT7-03VPS-KR0	1070821	14,03
Cable, 3-wire	2 m	PUR	MZT7-03VPS-KU0	1070829	12,68
	5 m	PUR	MZT7-03VPS-KUB	1070833	14,03
	2 m	PVC	MZT7-03VPS-KW0	1070838	12,01

Other device versions on request or at www.sick.com/at/en/mzt7

PRESSURE SENSORS PAC50
Turns pressure into colors

Your benefits

- Bi-color display (green/red) clearly shows the status of the output signal (within or outside the target range)
- Quick overview of important system parameters due to advanced display functions
- Intuitive operation allows simple and quick commissioning

For more information and other device versions, simply 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.

➔ www.sick.com/at/en/pac50

Product link
By clicking on type or Part number directly to all product details!

Ordering information
Pressure sensors PAC50
Connection type: M12 round connector x 1, 4-pin

Measuring range	Output signal	Process connection	Type	Part no.	Special price €/pcs.
0 bar … 6 bar	IO-Link/PNP + PNP/NPN/Push-Pull	2 x G ¼ *(Bottom side: thread G ¼ female, back side: thread G ¼ female, both according to DIN ISO 1630)*	PAC50-CGD	1062974	77,49
0 bar … 10 bar			PAC50-DGD	1062986	77,49
-1 bar … 10 bar			PAC50-FGD	1077858	77,49
0 bar … 6 bar	IO-Link/PNP + PNP/NPN/Push-Pull	PIF 4 mm + G ¼ *(Bottom side: push-in fitting for 4 mm pneumatic hose, back side: thread G ¼ female according to DIN ISO 16030)*	PAC50-CCD	1062980	77,49
0 bar … 10 bar			PAC50-DCD	1062992	77,49
-1 bar … 10 bar			PAC50-FCD	1083758	77,49

Other device versions on request or at www.sick.com/at/en/pac50

LEVEL SENSORS GRF18S
Easy, compact and rugged

Your benefits

- Small, compact sensor ideal for difficult installation conditions with limited space
- Quick commissioning without medium calibration saves time and money
- No moving mechanical parts reduce maintenance and eliminate the need to recalibrate, even after long periods of use

For more information and other device versions, simply 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.

→ www.sick.com/at/en/grf18s

Product link
By clicking on type or Part number directly to all product details!

Ordering information

Level sensors GRF18S

Output signal: PNP; Switching mode: NO

Measurement	Connection type	Process connection	Type	Part no.	Special price €/pcs.
Switch	M12 round connector x 1, 4-pin	G ½	GRF18S-F234LV	1092958	47,25

Other device versions on request or at www.sick.com/at/en/grf18s

NON-CONTACT SAFETY SWITCHES IME2S
Safe and easy position monitoring up to PL d

Your benefits

- High machine availability thanks to low susceptibility to dirt and moisture
- Long product service life due to low-wear and low-maintenance workings
- Easy integration: Sensor can be mounted in a space-saving manner due to its compact design

For more information and other device versions, simply 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.

→ **www.sick.com/at/en/ime2s**

Product link
By clicking on type or Part number directly to all product details!

Ordering information
Non-contact safety switches IME2S

Sensor principle: inductive; Number of safe outputs: 2; Safety integrity level: SIL2 (IEC61508)/SIL2 CL (EN62061); Performance level: PL d / Category 2 (ISO13849-1)

Housing diameter	Safe switch on distance S_{ao}	Safe switch off distance S_{ar}	Installation type	Connection type	Type	Part no.	Special price €/pcs.
M12	3.2 mm	6 mm	flush	Male connector M12, 4-pin	IME2S12-04B4DC0	1091944	48,32
			non- flush	Male connector M12, 4-pin	IME2S12-04N4DC0	1091946	48,32
	6.5 mm	12 mm	non- flush	Male connector M12, 4-pin	IME2S12-08N4DC0	1091948	49,66
M18	4 mm	7.5 mm	flush	Male connector M12, 4-pin	IME2S18-05B4DC0	1091949	54,00
	6.5 mm	12 mm	flush	Male connector M12, 4-pin	IME2S18-08B4DC0	1091951	54,00

Other device versions on request or at **www.sick.com/at/en/ime2s**

NON-CONTACT SAFETY SWITCHES STR1
Compact, safe, and flexible

Your benefits

- High level of flexibility when mounting the sensor and actuator
- Reduced need for storage, as one sensor is suitable for a wide range of different applications
- High level of manipulation protection due to individually coded actuator

For more information and other device versions, simply 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.

→ www.sick.com/at/en/str1

Product link
By clicking on type or Part number directly to all product details!

Ordering information

Non-contact safety switches STR1

Sensor principle: transponder; Number of safe outputs: 2; Safety integrity level: SIL3 (IEC61508)/SIL CL3 (EN62061); Performance level: PL e / Category 4 (ISO13849-1)

Coding	Safe switch on distance S_{ao}	Safe switch off distance S_{ar}	Actuator	Connection type	Type	Part no.	Special price €/pcs.
Permanently coded	10 mm	25 mm	Standard	Cable 0.2 m, plug M12, 8-pin	STR1-SASF0AC8	1073212	85,31
	14 mm	28 mm	Flat	Cable 0.2 m, plug M12, 8-pin	STR1-SAFF0AC8	1073207	85,31
			Mini	Cable 0.2 m, plug M12, 8-pin	STR1-SAMF0AC8	1073217	85,31
Uniquely coded	10 mm	25 mm	Standard	Cable 0.2 m, plug M12, 8-pin	STR1-SASU0AC8	1072710	98,28
				Cable 10 m, 5 wires open leads	STR1-SASU10P5	1072712	111,24
	14 mm	28 mm	Flach	Cable 0.2 m, plug M12, 8-pin	STR1-SAFU0AC8	1069576	98,28
Universal coded	10 mm	25 mm	Standard	Cable 0.2 m, plug M12, 5-pin	STR1-SASM0AC5	1069560	63,47
				Cable 0.2 m, plug M12, 8-pin	STR1-SASM0AC8	1069561	68,93
				Cable 10 m, 7 wires open leads	STR1-SASM10P8	1069569	88,04
	14 mm	25 mm	Flat	Cable 0.2 m, plug M12, 5-pin	STR1-SAFM0AC5	1069565	68,93
		28 mm	Mini	Cable 3 m, 5 wires open leads	STR1-SAMM03P5	1069572	68,93

Other device versions on request or at www.sick.com/at/en/str1

SAFETY RELAYS/EVALUATION UNIT ReLy
Rely on safety relays from SICK

Your benefits

- Short safety distances owing to fast response times for compact machines and a high level of productivity
- Easy commissioning and quick module exchange thanks to plug-in terminals and one-click mounting rail release
- Easy wiring and installation – only one connection diagram required per modul

For more information and other device versions, simply 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.

→ www.sick.com/at/en/rely

Product link
By clicking on type or Part number directly to all product details!

Ordering information

Safety relays/Evaluation unit ReLy

Safety integrity level: SIL 3 (IEC61508)/SIL CL3 (IEC62061); Performance level: PL e/Category 4 (ISO13849-1); Stop category: 0 (IEC60204-1)

Applications	Compact Sensor Types	Functions	Type	Part no.	Special price €/pcs.
Output extension modules for OSSDs	Safety Sensors with OSSD´s	Path for External Device Monitoring (EDM)	RLY3-OSSD100	1085343	72,06
Evaluation unit	Safety Sensors with OSSD´s	Sequence Monitoring, Restart Interlock, Reset, External Device Monitoring (EDM)	RLY3-OSSD200	1085344	144,10
	Saftey Sensors with potential free outputs	Discrepancy Monitoring, Cross Circuit Detection, Restart Interlock, Reset, External Device Monitoring (EDM)	RLY3-EMSS100	1085345	111,82
	Two-hand controls type III C, in accordance with EN574	External Device Monitoring	RLY3-HAND100	1085346	144,10

Other device versions on request or at www.sick.com/at/en/rely

FIBER-OPTIC SENSORS GLL170
Simple, flexible detection

Your benefits

- User-friendly handling enables fast commissioning
- Reliable detection even in rapid processes
- Easy to adjust with intuitive potentiometer or teach-in button
- Solution for a wide range of applications by combining with fiber optics from the extensive SICK portfolio

For more information and other device versions, simply 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.

→ www.sick.com/at/en/gll170

Product link
By clicking on type or Part number directly to all product details!

Ordering information

Fiber-optic sensors GLL170

Type of light: visible red light; witching mode: light/dark switching; Switching output: PNP/NPN (Selectable via menu)

Adjustment	Indication	Connection type	Type	Part no.	Special price €/pcs.
Potentiometer, 8 turns (Sensitivity scale 230°)	Status-LEDs	Cable, 3-wire, 2 m	GLL170-P332	6063334	59,25
		Male connector M8, 4-pin	GLL170-P334	6063335	59,25
Teach-in button, Cable, Plus/minus button	Display	Cable, 4-wire, 2 m	GLL170-B432	6063340	69,17
		Male connector M8, 4-pin	GLL170-B434	6063341	69,17

Suitable fibers can be found in the accessories for the respective sensor.

Other device versions on request or at www.sick.com/at/en/gll170

INCREMENTAL ENCODERS DFS60
High-resolution, programmable encoder for sophisticated applications

Your benefits

- Reduced storage costs and downtime due to customer-specific programming
- High variety of different mechanical and electrical interfaces enables optimum adaptation of the encoder to the installation situation
- Excellent concentricity even at high speeds

For more information and other device versions, simply 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.

→ www.sick.com/at/en/dfs60

Product link
By clicking on type or Part number directly to all product details!

Ordering information

Incremental encoders DFS60

Communication interface HTL or TTL (factory set); programmable (Resolution, communication interface, zero pulse position,...)

Shaft Interface	Mechanical Interface	max. Resolution	Connection type	Type	Part no.	Special price €/pcs.
Through hollow shaft	–	10,000	Male connector M12, 8-pin/radial	DFS60B-TDPC10000	1036915	247,80
	–	65,536		DFS60A-TDPC65536	1036955	278,04
Blind hollow shaft	–	10,000		DFS60B-BDPC10000	1036775	242,76
	–	65,536		DFS60A-BDPC65536	1036815	271,32
Solid shaft 10 mm	face mount flange	10,000		DFS60B-S4PC10000	1036721	225,12
Solid shaft, face mount flange	face mount flange	65,536		DFS60A-S4PC65536	1036726	256,20
USB programming unit	for AFS60, AFM60, DFS60, VFS60, DFV60 and wire draw encoders			PGT-08-S	1036616	66,68

Other device versions on request or at www.sick.com/at/en/dfs60

MOBILE HAND-HELD SCANNERS ZS36X8 DPM
Reliable DPM code identification for challenging industrial applications

Your benefits

- Detection of challenging DPM codes regardless of code size, surface, contrast and resolution
- Detection of very challenging marks such as needle marks, laser etching, ink-jet printing, chemical etching, ink-jet molding and thermal coating
- Detection of codes on all surfaces, e.g. reflective, irregular and curved surfaces
- Industrial housing protection class IP65 and IP67

For more information and other device versions, simply 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.

→ www.sick.com/at/en/zs36x8_dpm

Product link
By clicking on type or Part number directly to all product details!

Ordering information
Mobile hand-held scanners ZS36x8 DPM
Communication interface: USB, RS-232 for integration in industrial fieldbuses PROFIBUS, PROFINET, Ethernet TCP/IP, EtherCAT® via connection box CDF600

Reading distance	Code resolution	Model	Type	Part no.	Special price €/pcs.
3 mm … 125 mm	≥ 0,08 mm (valid for Code 39) ≥ 0,13 mm (valid for Data Matrix Code)	Cable version, Standard density *(connection cable not included)*	ZS3608-DPA0262VZWW	6073730	1208,00
0 mm … 86 mm	≥ 0,08 mm (valid for Code 39) ≥ 0,13 mm (valid for Data Matrix Code)	Cable version, High density *(connection cable not included)*	ZS3608-DP20263VZWW	6073731	1208,00
3 mm … 125 mm	≥ 0,08 mm (valid for Code 39) ≥ 0,13 mm (valid for Data Matrix Code)	Wireless (Bluetooth), Standard density *(Battery included, base station and connection cable not included)*	ZS3678-DPAF262VZWW	6073732	1308,00
0 mm … 86 mm	≥ 0,08 mm (valid for Code 39) ≥ 0,13 mm (valid for Data Matrix Code)	Wireless (Bluetooth), High density *(Battery included, base station and connection cable not included)*	ZS3678-DP2F263VZWW	6073733	1308,00

Other device versions on request or at www.sick.com/at/en/zs36x8_dpm

MOBILE HAND-HELD SCANNERS HW198x
Long range hand held scanner for 1D and 2D barcodes

Your benefits

- Improved productivity: time-saving scanning far removed pallets from the seat on the forklift truck
- Extremely robust: IP65 protection class, drop-resistant (withstands 50 drops onto concrete from a height of 2 m and 5,000 impacts), even at -30 °C cold temperatures
- Intuitive operation: Laser target beam, reading independent of direction, and focused reading in the scanning field center for precise operation over a wide scanning area

For more information and other device versions, simply 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.

→ **www.sick.com/at/en/HW198x**

Product link
By clicking on type or Part number directly to all product details!

Ordering information
Mobile hand-held scanners HW198x
Communication interface: USB; RS-232 for integration in industrial fieldbuses PROFIBUS, PROFINET, Ethernet TCP/IP, EtherCAT® via connection box CDF600

Reading distance	Code resolution	Model	Type	Part no.	Special price €/pcs.
150 mm ... 16,000 mm	≥ 0.05 mm (Close range) ≥ 2 mm (Distance range)	Cable version, USB Kit *(Items included: hand held scanner, connection cable)*	HW1980IFR-3USB KIT	6059465	629,21
		Cable version, RS232 KIT *(Items included: hand held scanner, connection cable)*	HW1980IFR-3SER KIT	6059466	629,21
	≥ 0.05 mm (Close range) ≥ 2 mm (Distance range)	Wireless (Bluetooth), USB KIT *(Battery, base station and connection cable are included in delivery)*	HW1981IFR-3USB-5 KIT	6059464	942,63
		Wireless (Bluetooth), RS232 KIT *(Battery, base station and connection cable are included in delivery)*	HW1981IFR-3SER-5 KIT	6059463	942,63

Other device versions on request or at www.sick.com/at/en/HW198x

MID RANGE DISTANCE SENSOR DT35
Larger than life performance – flexible measurement and detection up to 12 m

Your benefits

- Precise and reliable measurement regardless of object color extends run time and process quality
- Optimum solution thanks to flexible settings for speed, range and repeatability
- Flexible interface use making machine integration simple

For more information and other device versions, simply 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.

→ www.sick.com/at/en/Dx35

Product link
By clicking on type or Part number directly to all product details!

Ordering information

Mid range distance sensor DT35

Flexible interface: 4 mA to 20 mA, 0 V to 10 V, PNP or NPN output, or IO-Link; Connection type: Male connector, M12, 5-pin (connection cable not included)

Measuring Range	Light source	Switching frequency	Type	Part no.	Special price €/pcs.
On natural target 50 … 12,000 mm (90 % remission), 50 … 3,100 mm (6 % remission)	Laser, red (658 nm), laser class 1	166 Hz/50 Hz/25 Hz/12 Hz/3 Hz *(Depending on the set speed: Super Fast … Super Slow)*	DT35-B152551	1057651	276,36
	Laser, red (658 nm), laser class 2	333 Hz/100 Hz/50 Hz/25 Hz/6 Hz *(Depending on the set speed: Super Fast … Super Slow)*	DT35-B155251	1057652	265,44
	Laser, infrared (827 nm), laser class 1	333 Hz/100 Hz/50 Hz/25 Hz/6 Hz *(Depending on the set speed: Super Fast … Super Slow)*	DT35-B15851	1057653	345,24

Other device versions on request or at www.sick.com/at/en/Dx35

ULTRASONIC SENSOR UC4
Small, precise, ultrasonic

Your benefits

- Mini housing allows for quick and easy integration, even in the most confined spaces (16 mm x 40,1 mm x 16,7 mm)
- Integrated temperature compensation ensures high measurement accuracy at all times for optimum process quality
- Different switching modes enable optimal solution of the application and increase reliability and productivity
- The sensor's immunity to optically difficult environment enables it to take accurate measurements even in dirty, dusty, humid, and foggy conditions

For more information and other device versions, simply 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.

→ www.sick.com/at/en/UC4

Product link
By clicking on type or Part number directly to all product details!

Ordering information

Ultrasonic sensor UC4

Repeatability/Resolution: ± 0.15 % (In relation to the current measured value, minimum value ≥ resolution) / ≥ 0.1 mm

Operating range/Limiting range	Interfaces	Connection type	Type	Part no.	Special price €/pcs.
13 mm ... 150 mm Operating range 13 ... 250 mm Limiting range	IO-Link V1.1 (process data, parameterization, diagnosis, data storage), 1 PNP/NPN	Male connector, M8, 3-pin *(connection cable not included)*	UC4-1334B	6068454	204,63
		Cable with male connector (300 mm), M8, 3-pin	UC4-1354B	6063576	210,84
	IO-Link V1.0 (process data, parameterization), 1 PNP/NPN	Male connector, M8, 3-pin *(connection cable not included)*	UC4-1334A	6063574	199,08

Other device versions on request or at www.sick.com/at/en/UC4

PLUG CONNECTORS AND CABLES M8 / M12
Sensor and accessories from a single source

Your benefits

- High-quality products produced in Europe (ISO 9001:2008)
- Proven materials to withstand harsh environments
- Consistent certifications for all products

For more information and other device versions, simply 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.

→ www.sick.com/at/en/accessories/accessories/plug-connectors-and-cables/c/g274507

Ordering information

Plug connectors and cables M8 / M12
Flying leads, A coded; Material: PVC

Product link
By clicking on Part number directly to all product details!

Connection type head A			Description	Cable length 2 m		Cable length 5 m	
				Part no.	Special price	Part no.	Special price
Female connector M8	straight	3-pin	PVC / 3*0.25 / GR / US	2095860	4,66	2095884	6,05
		4-pin	PVC / 4*0.25 / GR / US	2095888	4,91	2095889	6,37
Female connector M12	straight	4-pin	PVC / 4*0.34 / GR / US	2096234	4,60	2096235	6,37
		5-pin	PVC / 5*0.34 / GR / US	2096239	5,04	2096240	7,06
		8-pin	PVC / 8*0.25 / GR / SH	2096243	13,86	–	–
Female connector M8	angled	3-pin	PVC / 3*0.25 / GR / US	2096165	4,66	2096166	6,05
		4-pin	PVC / 4*0.25 / GR / US	2095962	4,91	2095963	6,37
Female connector M12	angled	4-pin	PVC / 4*0.34 / GR / US	2095895	4,60	2095897	6,37
		5-pin	PVC / 5*0.34 / GR / US	2096215	5,04	2096216	7,06
		8-pin	PVC / 8*0.25 / GR / SH	2096218	13,86	–	–
Male connector M8	straight	3-pin	PVC / 3*0.25 / GR / US	2096225	4,66	2096226	5,89
Male connector M12	straight	8-pin	PVC / 8*0.25 / GR / SH	2096232	13,86	2096233	19,15

Other cable versions, in various lengths and connections on request or at - www.sick.com/at/en/accessories/accessories/plug-connectors-and-cables/c/g274507

MOUNTING SYSTEMS

Sensor and accessories from a single source

Your benefits

Find the suitable mounting automatically when selecting the sensor

For more information and other device versions, simply 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.
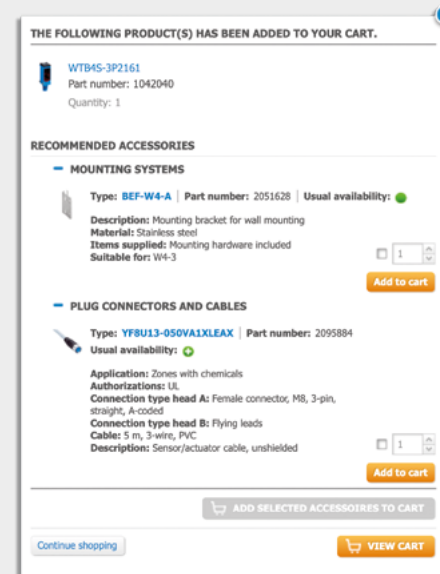
➜ www.sick.com/at/en/accessories/accessories/mounting-systems/c/g113402

REFLECTORS AND OPTICS

Sensor and accessories from a single source

Your benefits

Find the right reflector or optics automatically when selecting the sensor

For more information and other device versions, simply 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.

➜ www.sick.com/at/en/accessories/accessories/reflectors-and-optics/c/g113437

My SICK web shop function
"Recommended accessories"

In the My SICK web shop you can easily select and order the appropriate accessories for your sensor.

Place the selected sensor in the shopping cart and you will be shown the suitable accessories for this sensor – just add it with a click and you're done!

THE FOLLOWING PRODUCT(S) HAS BEEN ADDED TO YOUR CART.

WTB4S-3P2161
Part number: 1042040
Quantity: 1

RECOMMENDED ACCESSORIES

– MOUNTING SYSTEMS

Type: BEF-W4-A | Part number: 2051628 | Usual availability: ●

Description: Mounting bracket for wall mounting
Material: Stainless steel
Items supplied: Mounting hardware included
Suitable for: W4-3

– PLUG CONNECTORS AND CABLES

Type: YF8U13-050VA1XLEAX | Part number: 2095884
Usual availability:

Application: Zones with chemicals
Authorizations: UL
Connection type head A: Female connector, M8, 3-pin, straight, A-coded
Connection type head B: Flying leads
Cable: 5 m, 3-wire, PVC
Description: Sensor/actuator cable, unshielded

Add to cart

Add to cart

ADD SELECTED ACCESSOIRES TO CART

Continue shopping

VIEW CART

MY SICK is your personal self-service portal
Register yourself now to receive your SICK ID - your access to the digital world of SICK

By registering you get an overview of your offers and orders, can use personalized wish lists to handle your desired products and share them with colleagues.

You get insight into your individual conditions, can order directly and easily reuse previous orders.

Convince yourself of your advantages
and visit us online:
www.sick.com/at/en/registration-benefits/w/myBenefits/

My SICK: Your personal self-service portal

Just register and profit from all the advantages starting today.

➜ **www.sick.com/at/en/registration-benefits/w/myBenefits/**

Enter the link or scan the QR code and simply register under "My SICK".

My SICK ➜ with just "one click" to your personal data.
My SICK is available to you around the clock, every day. With My SICK, we offer you an intuitive, easy-to-use platform, where you can find, compare, order and track all products quickly and easily.
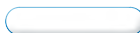
MY SICK – your access to the digital world of SICK
Register now and profit from all the advantages starting today

MY SICK: YOUR BENEFITS

Open around the clock

- My SICK is available at all times regardless of office hours to provide you with information 24/7 about our products, prices, and availability

Find your solution quickly and easily

- Find the right solution for your needs on our website thanks to the powerful search function and comprehensive selection options
- Add products to your cart with one click and order them directly

Transparent price and availability information

- View the current availability of SICK products, and their prices based on your agreed terms and conditions
- Request quotes and administer them transparently

Convenience during the ordering process

- Convert your wishlists and quotes into an order with a single click
- Import existing product lists into your cart
- Export quotes and orders easily and conveniently
- View your order history and save time by reusing previous orders

Clear documentation overview

- See all documents such as wishlists, quotes and orders
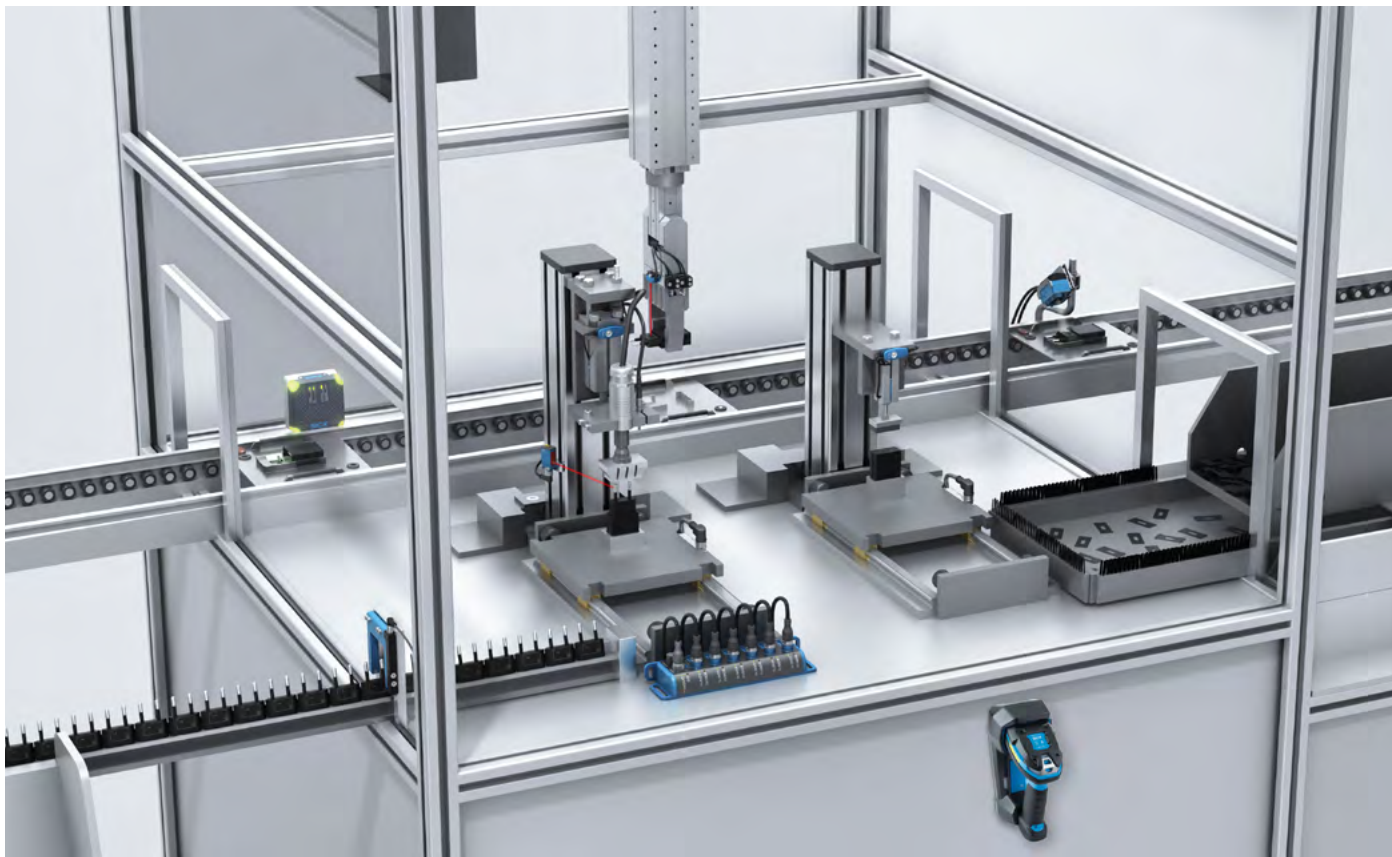
Current delivery times and tracking information

- Check the status of your orders in real time
- Track your delivery using our tracking function

Sensors in action
Click on one of the three machine parts
to go directly to the detailed view!
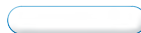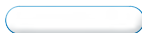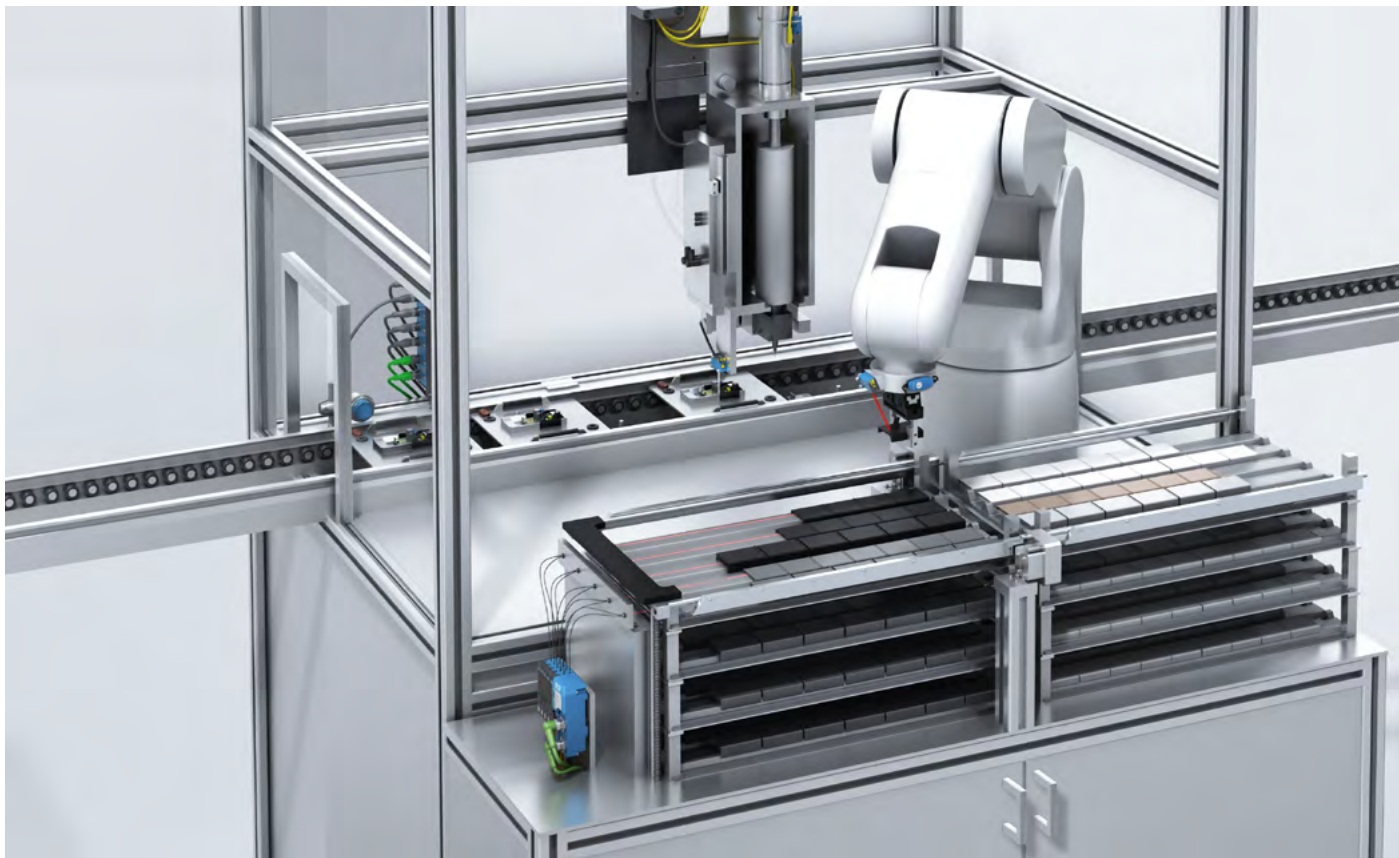
WTT2

Space-saving detection of the workpiece carrier in the conveyor unit

• WTT2 detects the workpiece carrier

Benefits

• Very small, flat housing
  – Space-saving installation
• Reliable and precise detection
  – Safely detects jet-black, reflective and shiny objects

➜ Explore more on www.sick.at

UC4

Reliable detection of irregular objects

- Safe detection of the assembled PCB

Benefits

- Ultrasonic technology in a small housing
  - Space-saving installation
- High reliability for jet-black, transparent, very shiny or reflective objects
  - Extended configuration and diagnostics options thanks to IO-Link

➜ Explore more on www.sick.at

DFS60

Speed measurement on the conveying equipment

- DFS60 for controlling the conveyor speed
  - Measured values from programmable incremental encoders are used

Benefits

- Short installation depth
- High resolution of up to 16 bits
- Optional programming: Output voltage, zero pulse position, zero impulse width, pulse number and counting direction

➜ Explore more on www.sick.at

IME

Space saving checking for the presence of small metallic objects on the conveying line

- Detection of screws for jam control

Benefits

- Space-saving installation thanks to compact design
- Cost-efficient detection of small metallic objects
- High positioning accuracy thanks to precise switching behavior

➜ **Explore more on www.sick.at**

GLL170

Presence detection for very small parts
in the gripper

• Detection of the screw on the pneumatic screwdriver

Benefits

• Flexible mounting of the sensor
• Minimum space requirements at the
detection location
 – Access to areas with very limited space
• Detection of tiny objects in high speed processes

➜ Explore more on www.sick.at

MZT7

Gives a switching signal when the srew has reached the propper depth

Benefits

- Ultra-compact cylinder sensor
- Simple mounting with drop-in design
  - only one hand nessesray

➜ Explore more on www.sick.at

➜ Directly to the promotional products on page 6
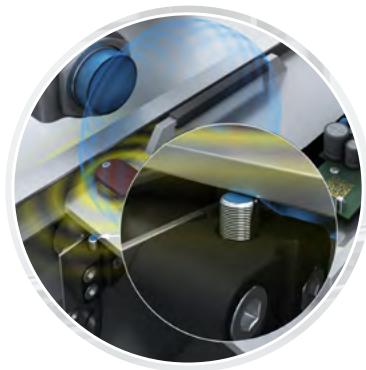
IME
Space-saving detection of workpiece carriers

- The IMM inductive proximity sensor detects the workpiece carrier

Benefits
- High level of flexibility thanks to compact design
- Precise switching behavior for reliable detection in fast processes

➜ Explore more on www.sick.at

WTT4

Reliable detection of objects at large angle

- Detecting a half housing in the gripper

Benefits

- Minimal size with maximum performance even for
  - Large distances and angles
  - Challenging surfaces
  - Small objects and their characteristics
  - High speed processes
- Extended functionality through IO-Link

➜ Explore more on www.sick.at

➜ Directly to the promotional products on page 4

IME2S + ReLy

Safe monitoring of Robot swivel range

- Safe area monitoring of Robot Axis #1
- Evaluation of IME2S OSSD sensor with ReLy

➜ Explore more on www.sick.at

STR1 + ReLy

Safe Non-contact cabinet door monitoring

- Safe door monitoring
- Evaluation of STR1 OSSD Sensor with (ReLy)

➜ Explore more on www.sick.at

➜ Directly to the promotional products on page 10 (STR1)

➜ Directly to the promotional products on page 11 (ReLy)

WTT4

Detection of ultra small and shiny objects and their characteristics, even at a large distance

• Detection of the connector contact

Benefits

• Minimal housing size with maximum performance even for
  – Large distances and angles
  – Demanding surfaces
  – Small objects and their characteristics
  – High speed processes
• Extended functionality through IO-Link

➜ Explore more on www.sick.at

➜ Directly to the promotional products on page 4

IME

Open/close position detection for gripper arms

- Two IME inductive proximity sensors each detect a pin
  - Pin A detected: gripper open
  - Pin B detected: gripper closed or object gripped

Benefits

- Compact design and low weight
  - Space-saving installation
  - Rugged even at high accelerations
- High positioning accuracy and precise switching behavior
  - Reliable even for fast and dynamic handling processes

➜ Explore more on www.sick.at

➜ Directly to the promotional products on page 5
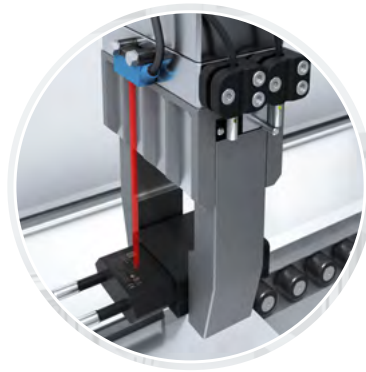
WTT2

Detection of the presence of the part in the gripper

• Reliable detection of parts with very small housings

Benefits

• Reliable detection even for
  – Small objects and their characteristics thanks to small light spot
• High level of flexibility in the machine design thanks to
  – Ultra compact housing with above-average sensing ranges
  – Parameterization and monitoring via IO-Link in the PLC or the IO-Link master

➔ Explore more on www.sick.at

➔ Directly to the promotional products on page 4

MZT7

Monitoring of the stroke of a press-fit cylinder

- Output of a switching signal: lid was press-fitted correctly

Benefits

- Ultra-compact cylinder sensor
- Ensures maximum process quality

➜ Explore more on www.sick.at

➜ Directly to the promotional products on page 6

ZS36

Identification of the micro DPM code on the workpiece

- Hand held scanner reads the tiny DPM code on the circuit board
  - High performance even with difficult codes
  - Detection of codes on all surfaces, e.g. reflective, irregular and curved, due to the clever illumination system

➜ **Explore more on sick.at**

➜ **Directly to the promotional products on page 14**

PAC50

### Compressed-air monitoring for the robot gripper

- The PAC50 pressure sensor monitors the pneumatics to ensure they have the correct working pressure
  - The large bi-color display shows whether the pressure is within the required range from a great distance

Benefits

- Large display shows system pressure, output states, and switching points
- Three large function keys, intuitive menu navigation
- Measuring range for gauge pressure (vacuum and overpressure)
- IO Link Interface

➜ Explore more on www.sick.at

➜ Directly to the promotional products on page 7
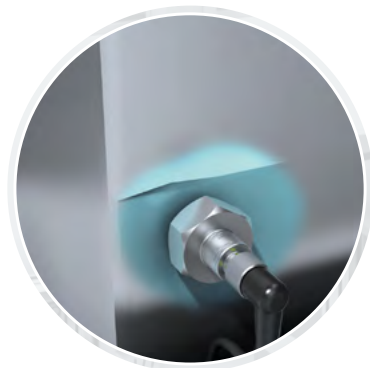
GRF18S

Compact optical level switch

- GRF18S is used to monitore theLevel in watery and water-based fluids
  - Dry-run protection for pumps, Level monitoring in rinsing units and level monitoring

Benefits

- Small, compact sensor ideal for difficult installation conditions with limited space
- Quick commissioning without medium calibration saves time and money
- No moving mechanical parts reduce maintenance and eliminate the need to recalibrate, even after long periods of use

➜ Explore more on www.sick.at
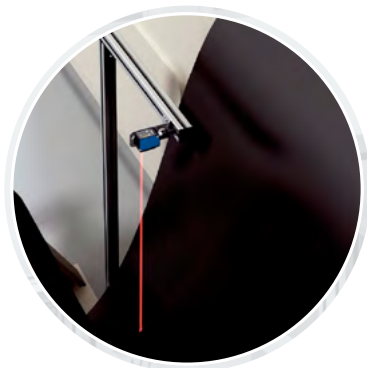
DT35

Flexible measurement and detection up to 12 m (on natural objects)

- DT35 controls the feed of the film into the machine
  - It is positioned via the loop and either measures the slack of the film continually or signals two distance points previously taught in

Benefits

- Highest reliability, ambient light immunity and best price/performance ratio thanks to HDDM technology
- Devices with analog and digital output, or just switching
- Infrared or red transmitted light in laser class 1 or 2
- IO-Link interface

➜ **Explore more on www.sick.at**

➜ **Directly to the promotional products on page 16**

HW198

Industrial area imaging scanner with an enormous reading distance

- HW198x reads 1D & 2D codes
  - Increase in productivity: forklift applications without time-consuming getting in and out of the driver

Benefits

- 1D and 2D code reading with only one device over a huge reading distance range of 15 cm to 16 m
- Wired and Bluetooth versions available (up to 100 m distance)
- Fieldbus connection modules for PROFIBUS, PROFINET, Ethernet TCP/IP, EtherCAT®

➜ **Explore more on www.sick.at**

SICK AT A GLANCE

SICK is a leading manufacturer of intelligent sensors and sensor solutions for industrial applications. With more than 10,400 employees and over 50 subsidiaries and equity investments as well as numerous agencies worldwide, SICK is always close to its customers. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents, and preventing damage to the environment.

SICK has extensive experience in various industries and understands their processes and requirements. With intelligent sensors, SICK delivers exactly what the customers need. In application centers in Europe, Asia, and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes SICK a reliable supplier and development partner.

Comprehensive services round out the offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

That is "Sensor Intelligence."

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