

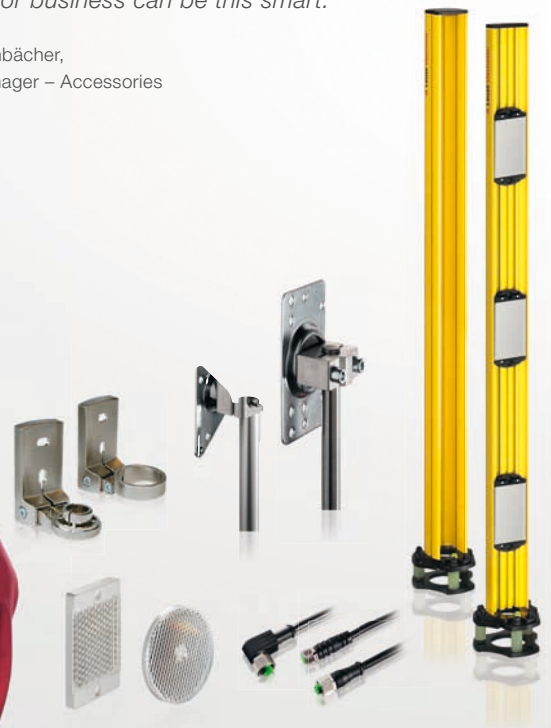
ACCESSORIES

THE DIVERSITY KNOWS NO LIMITS

For all of our devices, we offer an extensive selection of accessory parts to help you benefit even more in your specific application area. Familiarize yourself with our offerings or let us advise you.

"Find the right accessories for every product. Features that have already become standard when shopping on the Internet are still often missing on industry websites. With our product selector at www.leuze.com, this is different. Here, you not only find exactly the right product but also all suitable accessories – the sensor business can be this smart."

Gerd Eschenbächer,
Product Manager – Accessories



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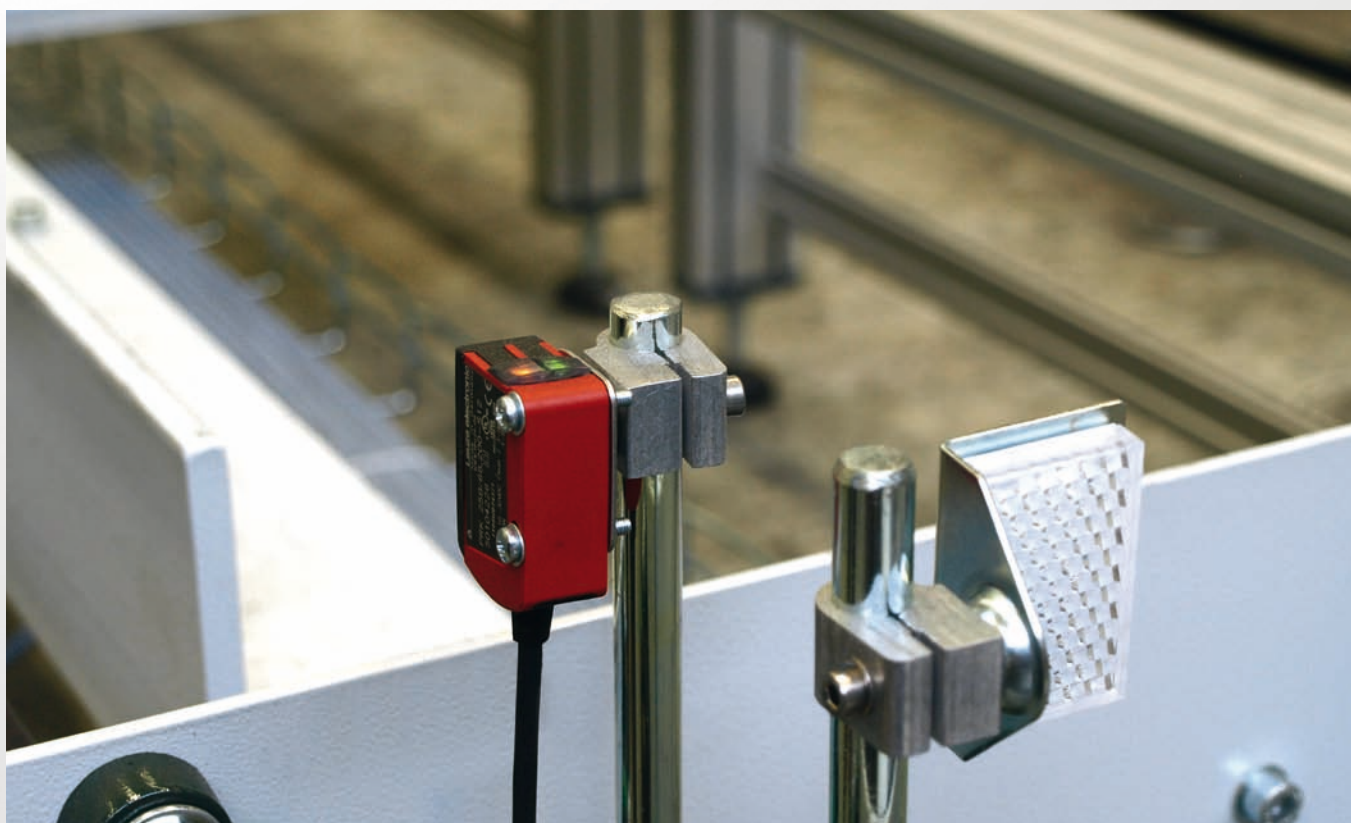
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/ CONNECTION TECHNOLOGY

YOUR CONNECTION TO THE WORLD

Sensors are only as good as the options for integrating them in your controls. For this reason, we offer you an extensive selection of accessories, including everything from the cables, to the plugs to the optional connection box. You can easily find the right parts for your application.



/// Connection Cables



Direct access to the online product selector at
www.leuze.com/en/connection-technology

Part no.	Part description	Connection 1	Connection 2	No. of pins	Cable length	Interface	Sheathing material
50110557	K-D M8W-3P-2M-PUR	Connector, M8, angled, female	Open end	3	2,000 mm		PUR
50110555	K-D M8A-3P-2m-PUR	Connector, M8, axial, female	Open end	3	2,000 mm		PUR
50104539	K-D M12W-3P-2m-PVC	Connector, M12, angled, female	Open end	3	2,000 mm		PVC
50104538	K-D M12A-3P-2m-PVC	Connector, M12, axial, female	Open end	3	2,000 mm		PVC
50104561	K-D M12A-4P-2m-PUR	Connector, M12, axial, female	Open end	4	2,000 mm		PUR
50104530	K-D M8A-4P-2m-PUR	Connector, M8, axial, female	Open end	4	2,000 mm		PUR
50104548	K-D M12A-4P-2m-DP-PUR	Connector, M12, axial, female	Open end	4	2,000 mm		PUR
50104532	K-D M8A-4P-5m-PUR	Connector, M8, axial, female	Open end	4	5,000 mm		PUR
50104555	K-D M12A-5P-2m-PVC	Connector, M12, axial, female	Open end	5	2,000 mm		PVC
150717	CB-M12-2000-5GM	Connector, M12, axial, male	Open end	5	2,000 mm		PUR
50040757	KB 008-3000 A	Connector, M12, axial, female	Open end	5	3,000 mm		PUR
678055	CB-M12-5000E-5GF	Connector, M12, axial, female	Open end	5	5,000 mm		PUR
678050	CB-M12-5000E-5GM	Connector, M12, axial, male	Open end	5	5,000 mm		PUR
50110170	KB M12/8-1000-BA	Connector, M12, axial, female	Open end	8	1,000 mm		PUR
50110178	KB M12/8-1000-SA	Connector, M12, axial, male	Open end	8	1,000 mm		PUR
50104591	K-D M12A-8P-2m-PUR	Connector, M12, axial, female	Open end	8	2,000 mm		PUR
150704	CB-M12-3000-8WM	Connector, M12, angled, male	Open end	8	3,000 mm		PUR
678060	CB-M12-5000E-8GF	Connector, M12, axial, female	Open end	8	5,000 mm		PUR
429081	CB-M12-5000S-8GF	Connector, M12, axial, female	Open end	8	5,000 mm		PUR
429082	CB-M12-5000S-8WF	Connector, M12, angled, female	Open end	8	5,000 mm		PUR
50114693	KB DN/CAN-2000 SA	Connector, M12, axial, male	Open end	5	2,000 mm	DeviceNet CANopen	PUR
50114692	KB DN/CAN-2000 BA	Connector, M12, axial, female	Open end	5	2,000 mm	DeviceNet CANopen	PUR
50106739	KB ET-2000-SA	Connector, M12, axial, male	Open end	4	2,000 mm	Ethernet	PUR
50108595	KB IBS-2000-SA	Connector, M12, axial, male	Open end	5	2,000 mm	Interbus-S	PUR
50104181	KB PB-2000-BA	Connector, M12, axial, female	Open end	5	2,000 mm	PROFIBUS DP	PUR
50104188	KB PB-2000-SA	Connector, M12, axial, male	Open end	5	2,000 mm	PROFIBUS DP	PUR

Further connection cables can be found on our website

/// Interconnection Cables



Direct access to the online product selector at
www.leuze.com/en/connection-technology

Part no.	Part description	Connection 1	Connection 1, no. of pins	Connection 2	Connection 2, no. of pins	Cable length	Interface	Sheathing material
150680	CB-M12-1500-3GF/GM	Connector, M12, axial, female	3	Connector, M12, axial, male	3	1,500 mm		PUR
50116738	K-DS M12A-M8A-4P-0.3m-PVC	Connector, M12, axial, female	4	Connector, M8, axial, male	4	300 mm		PVC
50107276	K-DS M8A-M12A-4P-0.3m-PVC	Connector, M8, axial, female	4	Connector, M12, axial, male	4	300 mm		PVC
50110126	K-DS M12A-M12A-4P-2m-PVC	Connector, M12, axial, female	4	Connector, M12, axial, male	4	2,000 mm		PVC
50118182	K-Y1 M12A-2m-M12A-S-PUR	Connector, M12, axial, female	5	Connector, M12, axial, male	5			PUR
548361	CB-M12-1000-5GF/GM	Connector, M12, axial, female	5	Connector, M12, axial, male	5	1,000 mm		PUR
678031	CB-M12-1000S-5GF/GM	Connector, M12, axial, female	5	Connector, M12, axial, male	5	1,000 mm		PUR
50040763	KB-008-1000 AA	Connector, M12, axial, female	5	Connector, M12, axial, male	5	1,000 mm		PUR
50115049	K-DS M12A-MA-5P-3m-S-PUR	Connector, M12, axial, female	5	JST ZHR, female		3,000 mm		PUR
50118185	K-YCN M12A-M12A-S-PUR	Connector, M12, axial, male	5	Connector, M12, axial, female	5		CANopen	PUR
50114694	KB DN/CAN-2000 SBA	Connector, M12, axial, male	5	Connector, M12, axial, female	5	2,000 mm	DeviceNet CANopen	PUR
50106899	KB ET-2000-SSA	Connector, M12, axial, male	4	Connector, M12, axial, male	4	2,000 mm	Ethernet	PUR
50109880	KB ET-2000-SA-RJ45	Connector, M12, axial, male	4	RJ45		2,000 mm	Ethernet	PUR
50104172	KB SSI/BS-2000-BA	Connector, M12, axial, male	5	Connector		2,000 mm	SSI Interbus-S	PUR
50123265	K-YPB M12A-5m-M12A-S-PUR	Connector, M12, axial, male	5	Connector, M12, axial, female	5		PROFIBUS DP	PUR
50104097	KB PB-2000-SBA	Connector, M12, axial, male	5	Connector, M12, axial, female	5	2,000 mm	PROFIBUS DP	PUR
50114519	KB PS2-1 IT190x	PS/2, female		RJ41		3,000 mm	PS/2	PVC
50113397	KB JST-HS-300	Socket connector		Sub-D, axial, male	9	300 mm	RS 232	PUR
50120463	KB 301-3000-MA200	Socket connector		Socket connector		3,000 mm	RS 232	PVC
50113468	KB JST-M12A-8P-Y-3000	Socket connector		Connector, M12, axial, male	8	3,000 mm	RS 232	PUR
50113467	KB JST-M12A-5P-3000	Socket connector		Connector, M12, axial, female	5	3,000 mm	RS 232	PUR
50111225	KB JST-M12A-8P-3000	Socket connector		Connector, M12, axial, female	8	3,000 mm	RS 232	PUR
50114517	KB 232-1 IT190x	Sub-D, axial, female	9	RJ41		3,000 mm	RS 232	PVC
50035355	KB 031-3000	Sub-D, axial, female	15	JST ZHR		3,000 mm	RS 232 RS 485	
50114521	KB USB-1 IT190x	USB		RJ41		3,000 mm	USB	PVC
50111227	KB M12A-8P-USB-3000	Connector, M12, axial, female	8	USB		3,000 mm	USB	PUR

Further interconnection cables can be found on our website

/// User-Configurable Connectors



Direct access to the online product selector at
www.leuze.com/en/connection-technology

Part no.	Part description	Connection	No. of pins	Interface
50108991	D-ET1	RJ45		Ethernet
50104582	D M8A-3P-SK	Connector, M8, axial, female	3	
50112155	S-M12A-ET	Connector, M12, axial, male	4	Ethernet
50040155	KS 095-4A	Connector, M12, axial, male	4	
50031323	KD 095-4A	Connector, M12, axial, female	4	
50104583	D M8A-4P-SK	Connector, M8, axial, female	4	
50031324	KD 095-4	Connector, M12, angled, female	4	
50040097	KD 01-5-BA	Connector, M12, axial, female	5	
50020501	KD 095-5A	Connector, M12, axial, female	5	
50101943	KD 01-5-SR	Connector, M12, angled, male	5	
429175	CB-M12-5GF	Connector, M12, axial, female	5	

Further connectors can be found on our website

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Part no.	Part description	Connection	No. of pins	Interface
50038538	KD 02-5-BA	Connector, M12, axial, female	5	PROFIBUS DP MultiNet Plus
50020502	KD 095-5	Connector, M12, angled, female	5	
50038537	KD 02-5-SA	Connector, M12, axial, male	5	PROFIBUS DP MultiNet Plus
50114223	KS 095-5A	Connector, M12, axial, male	5	
50112156	KD 01-8-SA	Connector, M12, axial, male	8	
50112157	KD 01-8-BA	Connector, M12, axial, female	8	
429178	CB-M12-8GF	Connector, M12, axial, female	8	

Further connectors can be found on our website

/// Terminal Boxes



Direct access to the online product selector at
www.leuze.com/en/connection-technology

Part no.	Part description	Suitable for	Connection	Connections	Fastening	Supply voltage
520063	AC-SCM5-BT	MLD 500, MLD 300 multiple light beam safety devices	Cable with connector, M12, 500 mm	5	Mounting plate Slot mounting	24 V, DC, -20 ... 20%
520058	AC-SCM6	MLD 335, MLD 535 multiple light beam safety devices	Cable with connector, M12, 500 mm	7	Slot mounting Through-hole mounting	24 V, DC, -20 ... 20%
520038	AC-SCM8	MLC 500, MLC 300 safety light curtains	Cable with connector, M12, 500 mm	6	Through-hole mounting Slot mounting	24 V, DC, -20 ... 20%
50116463	MK 300	BCL 300i	Terminal	3		
50116465	MK 304	BCL 304i	Terminal	4		
50116466	MK 308	BCL 308i	Terminal	4		
50116467	MK 348	BCL 348i	Terminal	4		
50116468	MS 300	BCL 300i	Connector, M12	3		
50116470	MS 304	BCL 304i	Connector, M12	4		
50114823	MS 308	BCL 308i	Connector, M12	4		
50116471	MS 348	BCL 348i	Connector, M12	4		

Further terminal boxes can be found on our website

/// Base Stations



Direct access to the online product selector at
www.leuze.com/en/connection-technology

Part no.	Part description	Suitable for	Interface	Connection 1	Connection 2	Connection 3	Drop height
50115738	Access point f. IT	IT 1902 series mobile 2D-code readers IT 4820 series mobile 2D-code readers IT 3820 series mobile bar code readers	PS/2 USB RS 232	Bluetooth	RJ41		
50110672	Base Hx520	HFxx series mobile RFID read/write systems		RJ41	Jack socket	Sub-D	
50120446	Base for HS 6578	HS 6578	PS/2	RJ41	Jack socket	Bluetooth	
50114492	Base for IT 1902	IT 1902 series mobile 2D-code readers	PS/2 RS 232 USB	RJ41	Jack socket	Bluetooth	
50122431	Base for IT 1911	IT 1911 series mobile 2D-code readers	PS/2 USB RS 232	RJ41	Jack socket	Bluetooth	1.2 m
50110663	ST 2020-5BE	IT 3820 series mobile bar code readers IT 4820 series mobile 2D-code readers	RS 232 USB PS/2	Jack socket	RJ41	Bluetooth	1 m

Further base stations can be found on our website

/ MOUNTING SYSTEMS

OPTIMUM SUPPORT AT ALL TIMES

For sensor mounting, we offer a large selection of standard mounting materials to help you reliably mount and – if necessary – easily align the devices.

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/// Mounting Brackets



Direct access to the online product selector at
www.leuze.com/en/fastening

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Part no.	Part description	Suitable for	Design	Fastening at device	Fastening at system	Material
429056	BT-2L	COMPACTplus safety light curtain SOLID-4, -2 safety light curtain MLD 500, MLD 300 multiple light beam safety devices Light curtains CML700 MLC 500, MLC 300 safety light curtains		Screw type	Through-hole mounting	Metal
50060511	BT 3	3B series sensors	Angle, L-shape	Screw type	Through-hole mounting	Metal
50040269	BT 25	25 series sensors 55 series sensors	Angle, L-shape	Screw type	Through-hole mounting	Metal
50105315	BT 46	46B series sensors	Angle, L-shape	Screw type	Through-hole mounting	Metal
50118542	BT 200M.5	3B series sensors 25B series sensors 5 series sensors 18 series sensors Sensors of the 28 series	Angle, L-shape	Screw type	Through-hole mounting	Stainless steel
50121433	BT 300 W	BCL 3xxi series bar code readers BCL 3xxi series bar code readers, deflection mirror	Angle, L-shape	Screw type	Through-hole mounting	Metal
50118543	BT 300M.5	8 series sensors 46B series sensors	Angle, L-shape	Screw type	Through-hole mounting	Stainless steel
50113549	BT D12M.5	212 series sensors	Angle, L-shape	Screw type	Through-hole mounting	Stainless steel

Further mounting brackets can be found on our website

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/// Rod Mounts



Direct access to the online product selector at
www.leuze.com/en/fastening

Part no.	Part description	Suitable for	Design	Fastening at device	Fastening at system	Material
50121435	BT 56 - 1	BCL 3xxi series bar code readers BCL 5xxi series bar code readers LSIS 4xxi series stationary 2D-code readers BPS 3x series bar code positioning system		Clampable	For 12 mm rod For 14 mm rod For 16 mm rod	Metal
50121434	BT 300 - 1	BCL 3xxi series bar code readers BCL 3xxi series bar code readers, deflection mirror	Rod 12 mm	Screw type	For 12 mm rod For 14 mm rod For 16 mm rod	Metal
50117829	BTP 200M-D12	3B series sensors 25B series sensors 18 series sensors 5 series sensors	Protection hood	Screw type	For 12 mm rod	Metal
50117826	BTP 300M-D12	8 series sensors 46B series sensors	Protection hood	Screw type	For 12 mm rod	Metal
50117255	BTU 200M-D12	3B series sensors 25B series sensors 18 series sensors 5 series sensors 55 series sensors Sensors of the 28 series	Mounting system	Screw type	For 12 mm rod Sheet-metal mounting	Metal
50117252	BTU 300M-D12	8 series sensors 46B series sensors ODSL 9	Mounting system	Screw type	For 12 mm rod Sheet-metal mounting	Metal
50120425	BTU 300M.5-D12	46B series sensors 8 series sensors ODSL 9	Mounting system	Screw type	For 12 mm rod Sheet-metal mounting	Stainless steel
50122797	BTU 346M-D12	46B series sensors Reflector (M)TKS 30x50 Reflector TKS 50x50 3B series sensors 25B series sensors Reflector TKS 20x40	Rod 12 mm	Screw type	For 12 mm rod Sheet-metal mounting	Metal
50122798	BTU 346M.5-D12	46B series sensors Reflector (M)TKS 30x50 Reflector TKS 50x50 Reflector TKS 20x40	Rod 12 mm	Screw type	For 12 mm rod Sheet-metal mounting	Stainless steel
50119331	BTU 900M-D12	Reflector (M)TKS 30x50 Reflector TKS 50x50 Reflector (M)TKS 60x40	Mounting system	Screw type	For 12 mm rod Sheet-metal mounting	Metal
50117490	BTU D18M-D12	318 series sensors Sensors of the 28 series	Mounting system	Screw type	Through-hole mounting	Metal
430305	MMS-A-2N55	PRK retro-reflective photoelectric sensors HRT diffuse reflection light scanners	Mounting system	Slot mounting	Through-hole mounting	Metal

Further rod mounts can be found on our website

/// Other Mounting Systems



Direct access to the online product selector at
www.leuze.com/en/fastening

Part no.	Part description	Suitable for	Design	Fastening at device	Fastening at system	Material
429046	BT-2R1	MLC 500, MLC 300 safety light curtains		Clampable	Through-hole mounting	Metal
50111224	BT 59	BCL 3x series bar code readers BCL 5xxi series bar code readers BPS 3x series bar code positioning system LSIS 4xxi series stationary 2D-code readers		Clampable	Slot mounting	Metal
50117258	BT 318P-LS	318 series sensors	Mounting clamp	Clampable	Through-hole mounting	Plastic
50120444	BT Wallholder HS 65x8	HS 65x8 IT 1910 series mobile 2D-code readers IT 1911 series mobile 2D-code readers	Wall mounting	Insertable	Through-hole mounting	Plastic

Further mounting systems can be found on our website

/ DEVICE COLUMNS

ROCK SOLID MOUNTING

With a range of designs and heights, our rugged device columns are also a very flexible option for mounting our safety light curtains and multiple light beam safety devices independent of your system. On the outside, the muting mounting systems can be easily extended to provide complete access guarding.

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Direct access to the online product selector at www.leuze.com/en/device-columns

Part no.	Part description	Height	Column height without foot	Mechanical reset function
549620	DC-900-S2	900 mm		No
549855	UDC-900-S2	960 mm	900 mm	Yes
549621	DC-1000-S2	1,000 mm		No
549856	UDC-1000-S2	1,060 mm	1,000 mm	Yes
549879	UDC-1140-S2	1,200 mm	1,140 mm	Yes
549622	DC-1300-S2	1,300 mm		No
549852	UDC-1300-S2	1,360 mm	1,300 mm	Yes
549623	DC-1600-S2	1,600 mm		No
549853	UDC-1600-S2	1,660 mm	1,600 mm	Yes
549624	DC-1900-S2	1,900 mm		No
549854	UDC-1900-S2	1,960 mm	1,900 mm	Yes
549625	DC-2500-S2	2,500 mm		No
549857	UDC-2500-S2	2,560 mm	2,500 mm	Yes

Included in delivery: mounting kit for floor assembly (UDC device columns only)
Further device columns can be found on our website

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SMARTER PRODUCT USABILITY

BCL 500i / BCL 300i
Powerful bar code reader with integrated fieldbus networking capability and code reconstruction technology

BPS 34
Bar code positioning system with PROFIBUS interface for complex requirements



PROFIBUS
Our products in the PROFIBUS world



CML 700i
Measuring light curtain with integrated fieldbus interfaces and evaluation unit



AMS 300i
High-precision optical laser distance sensor AMS 300i with unique selection of integrated fieldbus interfaces

Integrated interfaces complete our range of product solutions!



Discover the integrated interface diversity: www.leuze.com/en/products

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/ DEFLECTING MIRRORS/ DEFLECTING MIRROR COLUMNS

LETTING LIGHT SHINE – EVEN AROUND CORNERS

It is sometimes necessary, particularly for safety at work, to deflect sensor beams on account of structural circumstances. With our deflecting mirrors and columns, this can be performed conveniently and problem-free.



/// Deflecting Mirror Columns / Continuous

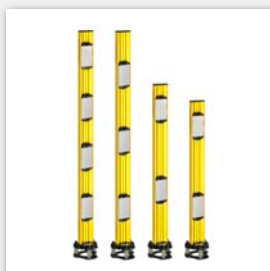


Direct access to the online product selector at
www.leuze.com/en/deflecting-mirror

Part no.	Part description	Mirror length	Height	Mechanical reset function
549780	UMC-1000-S2	970 mm	1,060 mm	Yes
549781	UMC-1300-S2	1,270 mm	1,360 mm	Yes
549782	UMC-1600-S2	1,570 mm	1,660 mm	Yes
549783	UMC-1900-S2	1,870 mm	1,960 mm	Yes

Included in delivery: mounting kit for floor assembly

/// Deflecting Mirror Columns / Individual Mirrors

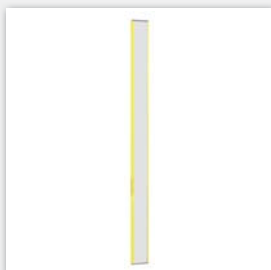


Direct access to the online product selector at
www.leuze.com/en/deflecting-mirror

Part no.	Part description	Column height without foot	Height	Number of individual mirrors	Center-to-center spacing of individual mirrors
549790	UMC-902-S2	900 mm	960 mm	2	500 mm
549791	UMC-1002-S2	1,000 mm	1,060 mm	2	500 mm
549797	UMC-1143-S2	1,140 mm	1,200 mm	3	400 mm
549792	UMC-1303-S2	1,300 mm	1,360 mm	3	400 mm
549793	UMC-1304-S2	1,300 mm	1,360 mm	4	300 mm
549796	UMC-1603-S2	1,600 mm	1,660 mm	3	400 mm

Included in delivery: mounting kit for floor assembly

/// Deflecting Mirrors / Continuous



Direct access to the online product selector at
www.leuze.com/en/deflecting-mirror

Part no.	Part description	Mirror length	Protected field height up to
529601	UM60-150	210 mm	150 mm
529602	UM60-225	285 mm	225 mm
529603	UM60-300	360 mm	300 mm
529604	UM60-450	510 mm	450 mm
529606	UM60-600	660 mm	600 mm
529607	UM60-750	810 mm	750 mm
529609	UM60-900	960 mm	900 mm
529610	UM60-1050	1,110 mm	1,050 mm
529612	UM60-1200	1,260 mm	1,200 mm
529613	UM60-1350	1,410 mm	1,350 mm
529615	UM60-1500	1,560 mm	1,500 mm
529616	UM60-1650	1,710 mm	1,650 mm
529618	UM60-1800	1,860 mm	1,800 mm

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/// Deflecting Mirrors / Individual Mirrors



Direct access to the online product selector at
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Part no.	Part description	Type of fastening
50023174	US 2.2	Through-hole mounting
50104479	US AMS 01	Through-hole mounting
50017434	US 2	Through-hole mounting
50019628	US 2.1	Through-hole mounting
50000670	US 1	Through-hole mounting
50080987	US 18	Screw type
50080130	US 418.1	Screw type
50080131	US 418.2	Screw type
50080863	US 29	Screw type
50035630	US 1 OMS	Screw type
50124510	US18B	Screw type

/ PROTECTIVE SCREENS

PROTECTION FOR YOUR SENSORS

Protective screens used together with appropriate housings or device columns guarantee the reliable protection of light curtains, e. g., against scratching and welding sparks.



Direct access to the online product selector at www.leuze.com/en/protective-screens

Part no.	Part description	Height	Protective field height	Protective screen material	Suitable for
426185	PSC-900-S2	820 mm		PMMA, gray	UDC-S2, DC-S2 device columns
426186	PSC-1000-S2	980 mm		PMMA, gray	UDC-S2, DC-S2 device columns
426187	PSC-1300-S2	1,280 mm		PMMA, gray	UDC-S2, DC-S2 device columns
426188	PSC-1600-S2	1,580 mm		PMMA, gray	UDC-S2, DC-S2 device columns
426189	PSC-1900-S2	1,880 mm		PMMA, gray	UDC-S2, DC-S2 device columns
426190	PSC-2500-S2	2,480 mm		PMMA, gray	UDC-S2, DC-S2 device columns
347070	MLC-PS150	148 mm	150 mm	PMMA, clear	MLC 500, MLC 300 safety light curtains
347071	MLC-PS225	223 mm	225 mm	PMMA, clear	MLC 500, MLC 300 safety light curtains
347072	MLC-PS300	298 mm	300 mm	PMMA, clear	MLC 500, MLC 300 safety light curtains
347073	MLC-PS450	448 mm	450 mm	PMMA, clear	MLC 500, MLC 300 safety light curtains
347074	MLC-PS600	598 mm	600 mm	PMMA, clear	MLC 500, MLC 300 safety light curtains
347075	MLC-PS750	748 mm	750 mm	PMMA, clear	MLC 500, MLC 300 safety light curtains
347076	MLC-PS900	898 mm	900 mm	PMMA, clear	MLC 500, MLC 300 safety light curtains
347077	MLC-PS1050	1,048 mm	1,050 mm	PMMA, clear	MLC 500, MLC 300 safety light curtains
347078	MLC-PS1200	1,198 mm	1,200 mm	PMMA, clear	MLC 500, MLC 300 safety light curtains
347079	MLC-PS1350	1,348 mm	1,350 mm	PMMA, clear	MLC 500, MLC 300 safety light curtains
347080	MLC-PS1500	1,498 mm	1,500 mm	PMMA, clear	MLC 500, MLC 300 safety light curtains
347081	MLC-PS1650	1,648 mm	1,650 mm	PMMA, clear	MLC 500, MLC 300 safety light curtains
347082	MLC-PS1800	1,798 mm	1,800 mm	PMMA, clear	MLC 500, MLC 300 safety light curtains

Notice: If protective screens are used, the range of the safety sensor is reduced by approx. 10 % per screen!

SMARTER CUSTOMER SERVICE



International sales locations –
Everywhere you need us.

Find our worldwide locations and partners: www.leuze.com/en/worldwide

/ REFLECTORS AND REFLECTIVE TAPES

REFLECTORS TO RETURN THE LIGHT

Sensors that operate according to the reflection principle need high-quality reflectors in order to function. The reflector quality directly influences the reliability of the sensor solution. We offer reflectors for all conceivable applications and environmental conditions to ensure an optimum detection result at all times.

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/// Standard Reflectors



Direct access to the online product selector at
www.leuze.com/en/reflectors

Products for
Safety at Work

Identification

Part no.	Part description	Design	Reflective surface	Fastening	Material
50041471	TK 20.1	Round	17 mm	Adhesive	Plastic
50024127	TK 82.2	Round	79 mm	Through-hole mounting Adhesive	Plastic
50003192	TK 100x100	Rectangular	96 mm × 96 mm	Supplied mounting bracket Adhesive	Plastic
50117584	TKS 20x20	Rectangular	18 mm × 20 mm	Through-hole mounting Adhesive	Plastic
50040820	TKS 40X60	Rectangular	56 mm × 37 mm	Through-hole mounting Adhesive	Plastic
50022814	TKS 50X50	Rectangular	48 mm × 47 mm	Through-hole mounting Adhesive	Plastic

Dimensional tolerances for all specified dimensions: ± 0.2 mm
 Further standard reflectors can be found on our website

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/// Micro-Triad-Type Reflectors

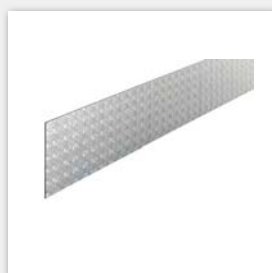


Direct access to the online product selector at
www.leuze.com/en/reflectors

Part no.	Part description	Design	Reflective surface	Fastening	Material
50040894	MTKS 20x30	Rectangular	29 mm × 19 mm	Through-hole mounting Adhesive	Plastic
50104132	MTKS 30x50.1	Rectangular	44 mm × 27 mm	Through-hole mounting Adhesive	Plastic
50117583	MTKS 50x50.1	Rectangular	50 mm × 50 mm	Through-hole mounting Adhesive	Plastic
50114185	REF 6-S-20x40	Rectangular	38 mm × 16 mm	Screw type	Plastic

Dimensional tolerances for all specified dimensions: ± 0.2 mm
 Further micro-triad-type reflectors can be found on our website

/// Reflective Tapes for Standard Applications

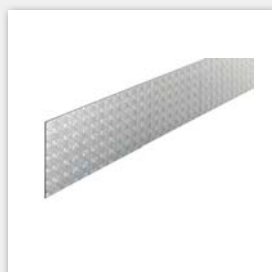


Direct access to the online product selector at
www.leuze.com/en/reflectors

Part no.	Part description	Design	Reflective surface	Fastening	Material
50106119	Reflective tape no.4 100x100	Rectangular	100 mm × 100 mm	Adhesive	Plastic
50108300	Reflective tape no.4 50x50	Rectangular	50 mm × 50 mm	Adhesive	Plastic

Further reflective tapes can be found on our website

/// Reflective Tapes for Laser and Clear-Glass Applications



Direct access to the online product selector at
www.leuze.com/en/reflectors

Part no.	Part description	Design	Reflective surface	Fastening	Material
50123899	REF 6-A-9x9	Rectangular	9 mm × 9 mm	Adhesive	Plastic
50123861	REF 6-A-14x45	Rectangular	45 mm × 14 mm	Adhesive	Plastic
50111829	REF 6-A-77x77	Rectangular	77 mm × 77 mm	Adhesive	Plastic
50110192	Reflective tape no.6 50x50	Rectangular	50 mm × 50 mm	Adhesive	Plastic

Further reflective tapes can be found on our website

/ ALIGNMENT AIDS

KEEPING SIGHT OF THE TARGET

Sensor alignment is generally very unproblematic and can even easily be performed without additional tools. For some devices and application cases, it can still sometimes be helpful to make use of one of our alignment aids.

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Direct access to the online product selector at www.leuze.com/en/alignment-aids

Part no.	Part description	Light source	Housing material
50109545	SAT 5		Metal
520024	LA-78M-UDC	Laser, red	Metal
50023547	ARH 2	Laser, red	Metal
520023	LA-78M	Laser, red	Metal
50080502	ARH 96	Laser, red	Metal
560020	LA-78U	Laser, red	Metal
549000	LA-78	Laser, red	Metal
50080537	ARH 10	Laser, red	Metal
520004	LA-78UDC	Laser, red	Metal
50040739	ARH 46	Laser, red	Metal

Products for
Safety at Work

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SMARTER CUSTOMER SERVICE



24 h support

On-Call Service and technical support
all around the clock



"In our Service Center in Owen, we have a lot of expert colleagues who, as sensor people, can reliably handle your questions and problems – and are happy to help you around the clock."

Simone Fischer,
Customer Advisor in the
Customer Care Center

You can reach the sensor people around the clock www.leuze.com/en/support

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/ BAR CODE TAPES

BAR FOR BAR, FOR MORE PRECISION

Bar code positioning systems use bar code tapes to determine positions with millimeter accuracy. For our systems, we offer tapes in standard lengths from 30 mm to 200 m. In addition, special lengths of up to 10 km are possible. The self-adhesive plastic tape is UV resistant, extremely resilient and mechanically durable.



Direct access to the online product selector at www.leuze.com/en/bar-code-tapes

Part no.	Part description	Suitable for	Dimensions	Grid dimension
50040041	BCB 010	BPS 3x series bar code positioning system Bar code positioning system, BPS 300i series	47 mm × 10,000 mm	40 mm
50038894	BCB 050	BPS 3x series bar code positioning system Bar code positioning system, BPS 300i series	47 mm × 50,000 mm	40 mm
50104792	BCB 8 010	BPS 8 series bar code positioning system Bar code positioning system, BPS 300i series	47 mm × 10,000 mm	30 mm
50104803	BCB 8 120	BPS 8 series bar code positioning system Bar code positioning system, BPS 300i series	47 mm × 120,000 mm	30 mm

Further bar code tapes can be found on our website

SMARTER PRODUCT USABILITY

It's the accessories that make our range of products complete. We place great value on, e. g., flexible mounting solutions and simple integration through variable connection technology, alignment aids and innovative mounting systems. Pre-configured and pre-mounted systems also facilitate fast and simple commissioning of, e. g., muting systems for applications in safety at work.

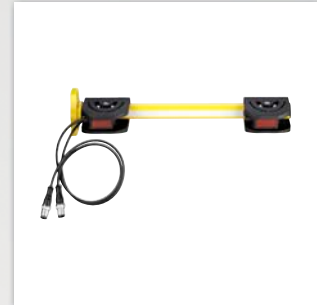


Discover our extensive line of accessories on the web at: www.leuze.com/en/accessories

/ MUTING MOUNTING SYSTEMS

SAFETY RIGHT OFF THE SHELF

These ready-made muting systems simplify the setup of professional workplace safeguarding systems. Various packages and extensive accessories allow these packages to be used in a variety of applications.



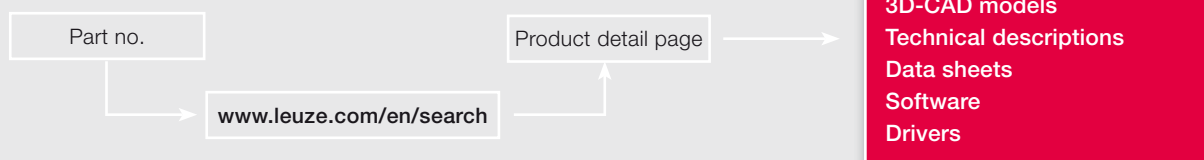
Direct access to the online product selector at www.leuze.com/en/muting-mounting

Part no.	Part description	Operating range	Number of muting sensors	Type of muting sensors	Cable length of muting sensors	Number of reflectors	Muting type
426506	Set-AC-MTX.2-1S	0 ... 8 m	1	PRK 25B retro-reflective photoelectric sensors	2,000 mm	1	
426491	Set-AC-ML-2SB	0 ... 4 m	2	Retro-reflective photoelectric sensors PRK 3B	300 mm	2	Sequence controlled 2-sensor muting
426494	Set-AC-MT-2S	0 ... 4 m	2	Retro-reflective photoelectric sensors PRK 3B	300 mm	2	Timing controlled 2-sensor muting
426490	Set-AC-ML-2SA	0 ... 4 m	2	Retro-reflective photoelectric sensors PRK 3B	300 mm	2	Sequence controlled 2-sensor muting
426521	Set-AC-MLX-2SB	0 ... 8 m	2	PRK 25B retro-reflective photoelectric sensors	300 mm	2	Sequence controlled 2-sensor muting
426524	Set-AC-MTX-2S	0 ... 8 m	2	PRK 25B retro-reflective photoelectric sensors	300 mm	2	Timing controlled 2-sensor muting
426520	Set-AC-MLX-2SA	0 ... 8 m	2	PRK 25B retro-reflective photoelectric sensors	300 mm	2	Sequence controlled 2-sensor muting
426526	Set-AC-MLX.2-2SA	0 ... 8 m	2	PRK 25B retro-reflective photoelectric sensors	2,000 mm	2	Sequence controlled 2-sensor muting
426527	Set-AC-MLX.2-2SB	0 ... 8 m	2	PRK 25B retro-reflective photoelectric sensors	2,000 mm	2	Sequence controlled 2-sensor muting
426529	Set-AC-MTX.2-2S	0 ... 8 m	2	PRK 25B retro-reflective photoelectric sensors	2,000 mm	2	Timing controlled 2-sensor muting
426492	Set-AC-MT-4S	0 ... 4 m	4	Retro-reflective photoelectric sensors PRK 3B	300 mm	4	Timing controlled 4-sensor muting
426522	Set-AC-MTX-4S	0 ... 8 m	4	PRK 25B retro-reflective photoelectric sensors	300 mm	4	Timing controlled 4-sensor muting
426528	Set-AC-MTX.2-4S	0 ... 8 m	4	PRK 25B retro-reflective photoelectric sensors	2,000 mm	4	Timing controlled 4-sensor muting

Further muting mounting systems can be found on our website

SMARTER CUSTOMER SERVICE

The quickest way to find matching accessories and technical downloads:



On the product detail pages you will find comprehensive technical downloads: www.leuze.com/en/products

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/ MUTING INDICATORS

SEEING SAFETY

A wide range of indicators for displaying possible dangers is what makes a safety-at-work system complete.



Direct access to the online product selector at www.leuze.com/en/indicators

Part no.	Part description	Illuminant	Type of fastening	Degree of protection	Certifications
660600	MS70/2	Incandescent lamp BA15d/24 V, clear	Through-hole mounting at side	IP 65	CE UL CSA
660610	MS70/LED	LED/24 V, yellow	Through-hole mounting	IP 65	CE UL CSA
660611	MS70/LED-M12-2000-4GM	LED/24 V, yellow	Through-hole mounting at side	IP 65	CSA CE UL
548000	MS851	Incandescent lamp E14, 4 W/24 V, clear	Through-hole mounting at side	IP 54	CE UL CSA

SMARTER PRODUCT USABILITY



A²LS.

Active ambient light suppression
for reliable detection

integratedlaser
alignment.

Convenient alignment function
for large distances



brightvision®

Simplified commissioning
of sensors through highly
visible light spot



omnimount.

Integrated mounting and
alignment concept without
additional components



thinkmodular.

Freely selectable range of functions



integratedconnectivity.

The most important fieldbus interfaces in one unit



Additional usability highlights can be found under: www.leuze.com/en/products

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