

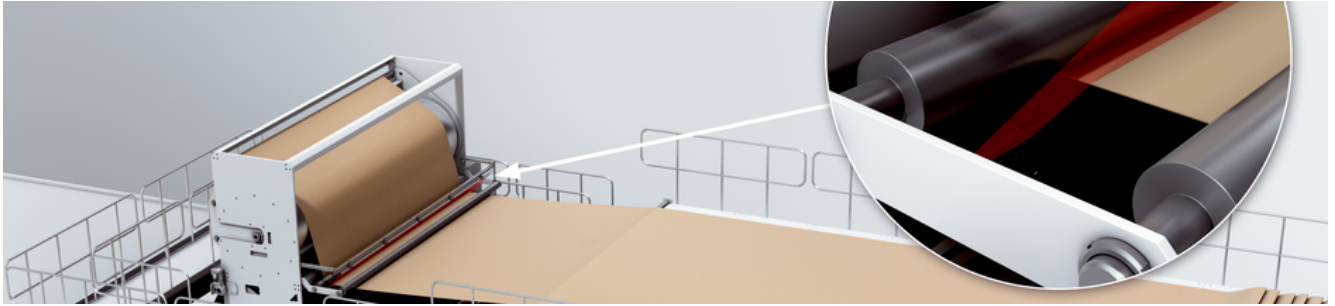


## MLG-2 WebChecker

Highest precision for web width measurement

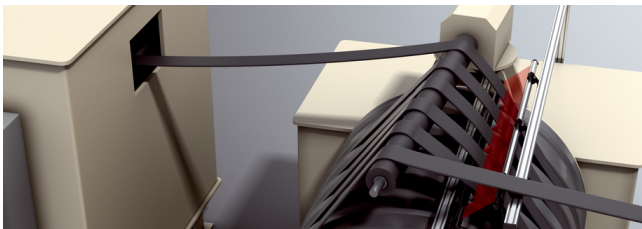
**SICK**  
Sensor Intelligence.

## Format change

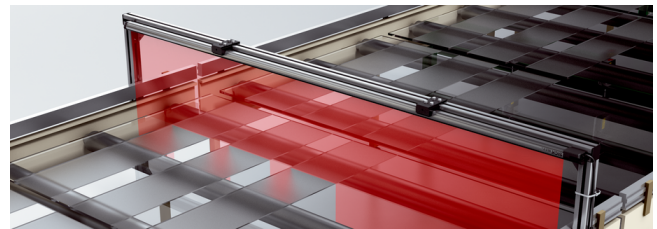


## Format change made easy

The MLG-2 WebChecker automation light grid automatically finds up to 10 edges and measures these in relation to a reference edge. Up to 5 different web widths can be measured at the same time. With semi-transparent materials, defined inner edges can also be detected and measured. Thanks to its modular design, the MLG-2 WebChecker is well-suited for various monitored areas, interfaces and sensing ranges. Measuring fields of a minimum of 150 mm x 200 mm up to maximum of 2,500 mm x 3,150 mm can be implemented. The MLG-2 WebChecker communicates with different controllers. The end customer can therefore very easily change the format on the machine via fieldbuses or IO-Link.



Maximum web width measurement of up to 5 m with MLG-2 WebChecker automation light grids



Measurements not dependent on color, shape or surface



**The MLG-2 WebChecker automation light grid enables high-precision, space-saving web width measurement, even in very wide plastic, textile, rubber or steel webs. The MLG-2 WebChecker measures continuously throughout the entire web so the format can be changed without readjustment.**

## Advantages



## Technical data overview

<b>Communication interface</b>	IO-Link (V1.1) Analog (current) Serial (RS-485) PROFINET EtherCAT® EtherNet/IP™ (depending on type)
<b>Switching output</b>	Push-pull: PNP/NPN
<b>Beam separation</b>	5 mm
<b>Operating range</b>	2.5 m
<b>Response time</b>	7.1 ms ... 95.8 ms (depending on type)

## Product description

The MLG-2 WebChecker measuring automation light grid is based on established technology combined with the most advanced software and is used for high-precision web width measurement. The light grid also measures large web widths with revolutionary accuracy. The MLG-2 WebChecker can find up to 10 edges or 5 webs and measure them continuously. With semi-transparent objects, the light grid measures up to 10 edges defined by the customer.

## At a glance

- Measurement accuracy:  $\pm 0.3$  mm
- Resolution: 0.1 mm
- Measuring field: 3,150 mm (in 150 mm steps)
- Response time: 32  $\mu$ s (from beam to beam)
- Interfaces: 3 switching outputs, analog interface, IO-Link, RS-485, PROFINET, EtherCAT® and EtherNet/IP™
- Operating range: 2,500 mm
- Interface output: 10 edges with 5 edges and 5 center positions

## Your benefits

- Edge position detection for webs of 145 mm to 3,150 mm with a measurement accuracy of  $\pm 0.3$  mm – for machines with maximum performance
- Easy format change with flexible web width measurement increases customer satisfaction
- The MLG-2 WebChecker measures 5 webs at a time, therefore reducing the number of sensors in the application
- Modern Ethernet interface for quick, reliable data transmission increases system availability
- Prevention of errors and reduced downtime during format change

## Fields of application

- Automotive industry: Tire production
- Steel industry: Coil handling
- Plastic web production
- Textile web production
- Wood panel measurement
- Box production

## Ordering information

Other models and accessories → [www.sick.com/MLG-2\\_WebChecker](http://www.sick.com/MLG-2_WebChecker)

- **Device version:** Web guiding
- **Communication interface:** IO-Link, Analog
- **Inputs/outputs:** 2 x analog + 2 x Q (IO-Link)
- **Option:** none
- **Operating range:** 2.5 m

Beam separation	Total measuring field width	Measuring field width detail (connection side/medium range/head side)	Length of cable	Type	Part no.		
5 mm	145 mm	145 mm / 0 mm / 0 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0100B12501	1222942		
				MLG05W-0100B12599	1106624		
	295 mm	295 mm / 0 mm / 0 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0200B12501	1108412		
	445 mm	145 mm / 155 mm / 145 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0111B12501	1109856		
		445 mm / 0 mm / 0 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0300B12501	1222734		
	595 mm	595 mm / 0 mm / 0 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0400B12501	1108620		
				MLG05W-0400B12599	1118150		
	745 mm	295 mm / 155 mm / 295 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0212B12501	1135258		
		745 mm / 0 mm / 0 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0500B12501	1109300		
	895 mm	295 mm / 305 mm / 295 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0222B12501	1108880		
5 mm	895 mm	895 mm / 0 mm / 0 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0600B12501	1223138		
				MLG05W-0600B12599	1110491		
	1,045 mm	1,045 mm / 0 mm / 0 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0700B12501	1111446		
		445 mm / 155 mm / 445 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0313B12501	1108881		
	1,195 mm	1,195 mm / 0 mm / 0 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0800B12501	1131233		
				295 mm / 605 mm / 295 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0242B12501	1112654
				445 mm / 305 mm / 445 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0323B12501	1109042
	1,345 mm	1,345 mm / 0 mm / 0 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0900B12501	1108882		
				145 mm / 1,055 mm / 145 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0171B12501	1109468
				295 mm / 755 mm / 295 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0252B12501	1109638

Beam separation	Total measuring field width	Measuring field width detail (connection side/medium range/head side)	Length of cable	Type	Part no.	
		445 mm / 455 mm / 445 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0333B12501	1139057	
		595 mm / 155 mm / 595 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0414B12501	1108883	
	1,495 mm				MLG05W-0414B12503	1133668
		1,495 mm / 0 mm / 0 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0A00B12501	1108621	
		445 mm / 605 mm / 445 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0343B12501	1111237	
	1,645 mm				MLG05W-0424B12501	1108884
		1,645 mm / 0 mm / 0 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0B00B12501	1114384	
		295 mm / 1,055 mm / 295 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0272B12501	1129452	
	1,795 mm				MLG05W-0434B12501	1109389
		595 mm / 455 mm / 595 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0C00B12501	1136291	
		1,795 mm / 0 mm / 0 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0282B12501	1128632	
	1,945 mm				MLG05W-0481B12501	1118179
		295 mm / 1,205 mm / 295 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0454B12501	1136290	
		595 mm / 1,205 mm / 145 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0535B12501	1109470	
	2,245 mm				MLG05W-0535B12501	1109470
		895 mm / 455 mm / 895 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0636B12501	1112221	
		2,245 mm / 0 mm / 0 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-01F1B12501	1113114	
	2,545 mm				MLG05W-0575B12501	1109667
		145 mm / 2,255 mm / 145 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0575B12501	1109667	
		745 mm / 1,055 mm / 745 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0656B12501	1222936	
	2,995 mm				MLG05W-0656B12501	1222936
		895 mm / 755 mm / 895 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-03E3B12501	1123206	
		445 mm / 2,105 mm / 445 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0858B12501	1118452	
	3,145 mm	1,195 mm / 755 mm / 1,195 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0858B12501	1118452	

- **Device version:** Web guiding
- **Communication interface:** IO-Link, Serial
- **Inputs/outputs:** RS-485 + 2 x Q (IO-Link)
- **Option:** none
- **Operating range:** 2.5 m

Beam separation	Total measuring field width	Measuring field width detail (connection side/medium range/head side)	Length of cable	Type	Part no.
5 mm	295 mm	295 mm / 0 mm / 0 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0200I12501	1112421
	595 mm	595 mm / 0 mm / 0 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0400I12501	1115650
	895 mm	895 mm / 0 mm / 0 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0600I12501	1125195
	1,045 mm	1,045 mm / 0 mm / 0 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0700I12501	1122951
			0.22 m, 0.27 m, 0.19 m	MLG05W-0322I12501	1115249
	1,195 mm	1,195 mm / 0 mm / 0 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0800I12501	1222924
	1,345 mm	145 mm / 905 mm / 295 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0162I12501	1222298
			0.22 m, 0.27 m, 0.19 m	MLG05W-0333I12501	1108966
	1,645 mm	595 mm / 305 mm / 745 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0425I12501	1115248
	1,795 mm	1,795 mm / 0 mm / 0 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0C00I12501	1112711
	2,245 mm	895 mm / 455 mm / 895 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0636I12501	1108967
	2,545 mm	895 mm / 755 mm / 895 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0656I12501	1121812
	2,695 mm	895 mm / 905 mm / 895 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0666I12501	1222941
	3,145 mm	1,045 mm / 1,055 mm / 1,045 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0777I12501	1109294

- **Device version:** Web guiding
- **Communication interface:** IO-Link
- **Inputs/outputs:** 4 x Q (IO-Link)
- **Option:** none
- **Operating range:** 2.5 m

Beam separation	Total measuring field width	Measuring field width detail (connection side/medium range/head side)	Length of cable	Type	Part no.
5 mm	145 mm	145 mm / 0 mm / 0 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0100R12503	1130422
	295 mm	295 mm / 0 mm / 0 mm		MLG05W-0200R12501	1122287
				MLG05W-0200R12503	1130574
	445 mm	445 mm / 0 mm / 0 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0300R12501	1130393
5 mm	445 mm	445 mm / 0 mm / 0 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0300R12503	1130396
	595 mm	595 mm / 0 mm / 0 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0400R12501	1110585
				MLG05W-0400R12503	1130397
	745 mm	145 mm / 455 mm / 145 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0131R12501	1123565
		295 mm / 155 mm / 295 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0212R12501	1222944
		745 mm / 0 mm / 0 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0500R12503	1130881
	895 mm	295 mm / 305 mm / 295 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0222R12501	1130395
				MLG05W-0222R12503	1130573
		895 mm / 0 mm / 0 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0600R12501	1133415
				MLG05W-0600R12503	1130398

Beam separation	Total measuring field width	Measuring field width detail (connection side/medium range/head side)	Length of cable	Type	Part no.
	1,045 mm	1,045 mm / 0 mm / 0 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0700R12501	1222900
				MLG05W-0700R12503	1130882
	1,195 mm	445 mm / 305 mm / 445 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0323R12501	1114889
				MLG05W-0323R12503	1132067
		745 mm / 305 mm / 145 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0521R12503	1136051
	1,345 mm	295 mm / 755 mm / 295 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0252R12503	1130876
		445 mm / 455 mm / 445 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0333R12503	1130877
	1,495 mm	445 mm / 605 mm / 445 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0343R12503	1130878
		595 mm / 305 mm / 595 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0424R12501	1130394
			0.22 m, 0.27 m, 0.19 m	MLG05W-0424R12503	1130572
	1,645 mm	295 mm / 1,055 mm / 295 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0272R12503	1130576
		445 mm / 755 mm / 445 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0353R12501	1130399
			0.22 m, 0.27 m, 0.19 m	MLG05W-0353R12503	1130575
		595 mm / 455 mm / 595 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0434R12503	1130880
	1,795 mm	445 mm / 905 mm / 445 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0363R12503	1130879
	1,945 mm	1,945 mm / 0 mm / 0 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0D00R12503	1130883
	2,545 mm	1,645 mm / 605 mm / 295 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0B42R12501	1135947
		145 mm / 155 mm / 2,245 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-011FR12501	1133722
		895 mm / 755 mm / 895 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0656R12501	1133411
	2,845 mm	895 mm / 1,055 mm / 895 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0676R12501	1133412



- **Device version:** Web guiding
- **Communication interface:** IO-Link, Analog
- **Inputs/outputs:** 1 x analog + 3 x Q (IO-Link)
- **Option:** none
- **Operating range:** 2.5 m

Beam separation	Total measuring field width	Measuring field width detail (connection side/medium range/head side)	Length of cable	Type	Part no.
5 mm	145 mm	145 mm / 0 mm / 0 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0100G12599	1106625
	745 mm	745 mm / 0 mm / 0 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0500G12501	1127901
	895 mm	895 mm / 0 mm / 0 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0600G12599	1108791
	1,045 mm	295 mm / 455 mm / 295 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0232G12501	1109043
			0.22 m, 0.27 m, 0.19 m	MLG05W-0322G12501	1115125
	1,345 mm	1,345 mm / 0 mm / 0 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0900G12501	1117489
	1,645 mm	595 mm / 305 mm / 745 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0425G12501	1115124
	1,945 mm	595 mm / 755 mm / 595 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0454G12599	1118081
	2,245 mm	445 mm / 1,355 mm / 445 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0393G12501	1135087
			0.22 m, 0.27 m, 0.19 m	MLG05W-0555G12599	1118151
	2,395 mm	2,395 mm / 0 mm / 0 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0G00G12501	1117487
	2,545 mm	745 mm / 1,055 mm / 745 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0575G12599	1118082
			0.22 m, 0.27 m, 0.19 m	MLG05W-0656G12501	1113664
	2,695 mm	745 mm / 1,205 mm / 745 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0585G12501	1113663
	2,845 mm	895 mm / 905 mm / 1,045 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0667G12501	1131163
	2,995 mm	1,195 mm / 605 mm / 1,195 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0848G12501	1117485
	3,145 mm	745 mm / 1,655 mm / 745 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-05B5G12501	1117409

- **Device version:** Web guiding
- **Communication interface:** PROFINET
- **Option:** none
- **Operating range:** 2.5 m

Beam separation	Total measuring field width	Measuring field width detail (connection side/medium range/head side)	Length of cable	Type	Part no.	
5 mm	145 mm	145 mm / 0 mm / 0 mm	0.22 m, 0.27 m	MLG05W-0100N12501	1113589	
				MLG05W-0100N12503	1142636	
	295 mm	295 mm / 0 mm / 0 mm	0.22 m, 0.27 m	MLG05W-0200N12501	1111564	
				MLG05W-0200N12503	1130858	
	445 mm	445 mm / 0 mm / 0 mm	0.22 m, 0.27 m	MLG05W-0300N12501	1112036	
				MLG05W-0300N12503	1129340	
	595 mm	595 mm / 0 mm / 0 mm	0.22 m, 0.27 m	MLG05W-0400N12501	1119813	
				MLG05W-0400N12503	1136546	
	745 mm	295 mm / 155 mm / 295 mm	0.22 m, 0.27 m	MLG05W-0212N12501	1115085	
				745 mm / 0 mm / 0 mm	MLG05W-0500N12501	1115084
					MLG05W-0500N12503	1130873
	895 mm	895 mm / 0 mm / 0 mm	0.22 m, 0.27 m	MLG05W-0600N12501	1112827	
				MLG05W-0600N12503	1138329	
	1,045 mm	1,045 mm / 0 mm / 0 mm	0.22 m, 0.27 m	MLG05W-0700N12501	1114929	
				145 mm / 755 mm / 145 mm	MLG05W-0151N12501	1114927
					MLG05W-0313N12503	1136744
	1,195 mm	1,195 mm / 0 mm / 0 mm	0.22 m, 0.27 m	MLG05W-0800N12501	1115928	
				295 mm / 605 mm / 295 mm	MLG05W-0242N12503	1142589
					MLG05W-0323N12503	1136547
	1,345 mm	1,345 mm / 0 mm / 0 mm	0.22 m, 0.27 m	MLG05W-0900N12501	1111642	
5 mm				1,345 mm	1,345 mm / 0 mm / 0 mm	0.22 m, 0.27 m
	445 mm / 455 mm / 445 mm	0.22 m, 0.27 m	MLG05W-0333N12503			

Beam separation	Total measuring field width	Measuring field width detail (connection side/medium range/head side)	Length of cable	Type	Part no.
	1,495 mm	1,495 mm / 0 mm / 0 mm	0.22 m, 0.27 m	MLG05W-0A00N12501	1115619
		445 mm / 605 mm / 445 mm	0.22 m, 0.27 m	MLG05W-0343N12501	1116777
				MLG05W-0343N12503	1130865
		595 mm / 305 mm / 595 mm	0.22 m, 0.27 m	MLG05W-0424N12501	1127931
				MLG05W-0424N12503	1130870
	1,645 mm	1,645 mm / 0 mm / 0 mm	0.22 m, 0.27 m	MLG05W-0B00N12501	1140385
		145 mm / 1,355 mm / 145 mm	0.22 m, 0.27 m	MLG05W-0191N12501	1113588
		145 mm / 455 mm / 1,045 mm	0.22 m, 0.27 m	MLG05W-0137N12501	1121010

Beam separation	Total measuring field width	Measuring field width detail (connection side/medium range/head side)	Length of cable	Type	Part no.
		445 mm / 755 mm / 445 mm	0.22 m, 0.27 m	MLG05W-0353N12501	1115103
				MLG05W-0353N12503	1130868
		595 mm / 455 mm / 595 mm	0.22 m, 0.27 m	MLG05W-0434N12501	1116808
		745 mm / 155 mm / 745 mm	0.22 m, 0.27 m	MLG05W-0515N12501	1139121
	1,795 mm	1,795 mm / 0 mm / 0 mm	0.22 m, 0.27 m	MLG05W-0C00N12501	1117809
		295 mm / 1,205 mm / 295 mm	0.22 m, 0.27 m	MLG05W-0282N12501	1120694
	1,945 mm	1,945 mm / 0 mm / 0 mm	0.22 m, 0.27 m	MLG05W-0D00N12501	1116693
		295 mm / 1,355 mm / 295 mm	0.22 m, 0.27 m	MLG05W-0292N12501	1124002
		445 mm / 1,055 mm / 445 mm	0.22 m, 0.27 m	MLG05W-0373N12501	1115217
	2,245 mm	295 mm / 1,655 mm / 295 mm	0.22 m, 0.27 m	MLG05W-02B2N12501	1115005
		895 mm / 455 mm / 895 mm	0.22 m, 0.27 m	MLG05W-0636N12501	1119090
	2,395 mm	2,395 mm / 0 mm / 0 mm	0.22 m, 0.27 m	MLG05W-0G00N12501	1117488
		595 mm / 1,205 mm / 595 mm	0.22 m, 0.27 m	MLG05W-0484N12501	1124004
	2,545 mm	1,195 mm / 155 mm / 1,195 mm	0.22 m, 0.27 m	MLG05W-0818N12501	1123259
		2,245 mm / 155 mm / 145 mm	0.22 m, 0.27 m	MLG05W-0F11N12501	1111699
		745 mm / 1,055 mm / 745 mm	0.22 m, 0.27 m	MLG05W-0575N12501	1124003
	2,695 mm	1,045 mm / 605 mm / 1,045 mm	0.22 m, 0.27 m	MLG05W-0747N12501	1112128
	2,995 mm	1,195 mm / 605 mm / 1,195 mm	0.22 m, 0.27 m	MLG05W-0848N12501	1117486
	3,145 mm	1,045 mm / 1,055 mm / 1,045 mm	0.22 m, 0.27 m	MLG05W-0777N12501	1114716
		1,195 mm / 755 mm / 1,195 mm	0.22 m, 0.27 m	MLG05W-0858N12501	1118453

- **Device version:** Web guiding
- **Communication interface:** PROFINET
- **Option:** Protective housing IP69K
- **Operating range:** 2.5 m

Beam separation	Total measuring field width	Measuring field width detail (connection side/medium range/head side)	Length of cable	Type	Part no.
5 mm	145 mm	145 mm / 0 mm / 0 mm	1.4 m, 1.4 m	MLG05W-0100N52501	1112733
	1,645 mm	745 mm / 155 mm / 745 mm	1.4 m, 1.4 m	MLG05W-0515N52501	1116869
	2,245 mm	445 mm / 1,355 mm / 445 mm	1.4 m, 1.4 m	MLG05W-0393N52501	1129987

- **Device version:** Web guiding
- **Communication interface:** EtherCAT®
- **Option:** none
- **Operating range:** 2.5 m

Beam separation	Total measuring field width	Measuring field width detail (connection side/medium range/head side)	Length of cable	Type	Part no.
5 mm	145 mm	145 mm / 0 mm / 0 mm	0.22 m, 0.27 m	MLG05W-0100E12501	1106622
	295 mm	295 mm / 0 mm / 0 mm	0.22 m, 0.27 m	MLG05W-0200E12501	1129315
				MLG05W-0200E12503	1132650
	445 mm	145 mm / 155 mm / 145 mm	0.22 m, 0.27 m	MLG05W-0111E12501	1110367
				MLG05W-0300E12501	1119811
				MLG05W-0300E12503	1129587
	595 mm	595 mm / 0 mm / 0 mm	0.22 m, 0.27 m	MLG05W-0400E12501	1119814
	745 mm	745 mm / 0 mm / 0 mm	0.22 m, 0.27 m	MLG05W-0500E12501	1112715
				MLG05W-0500E12503	1129588
	1,045 mm	1,045 mm / 0 mm / 0 mm	0.22 m, 0.27 m	MLG05W-0700E12501	1124370
	1,195 mm	1,195 mm / 0 mm / 0 mm	0.22 m, 0.27 m	MLG05W-0800E12501	1141641
	1,645 mm	445 mm / 755 mm / 445 mm	0.22 m, 0.27 m	MLG05W-0353E12501	1118080
				MLG05W-0353E12503	1130866

- **Device version:** Web guiding
- **Communication interface:** EtherCAT®
- **Option:** Protective housing IP69K

Beam separation	Operating range	Total measuring field width	Measuring field width detail (connection side/medium range/head side)	Length of cable	Type	Part no.
5 mm	2.5 m	1,345 mm	1,345 mm / 0 mm / 0 mm	1.4 m, 1.4 m	MLG05W-0900E52501	1144229

- **Device version:** Web guiding
- **Communication interface:** EtherNet/IP™
- **Option:** none
- **Operating range:** 2.5 m

Beam separation	Total measuring field width	Measuring field width detail (connection side/medium range/head side)	Length of cable	Type	Part no.
5 mm	145 mm	145 mm / 0 mm / 0 mm	0.22 m, 0.27 m	MLG05W-0100H12501	1106623
	295 mm	295 mm / 0 mm / 0 mm	0.22 m, 0.27 m	MLG05W-0200H12501	1113146
				MLG05W-0200H12503	1130857
	445 mm	445 mm / 0 mm / 0 mm	0.22 m, 0.27 m	MLG05W-0300H12501	1113064
				MLG05W-0300H12503	1130862
	595 mm	595 mm / 0 mm / 0 mm	0.22 m, 0.27 m	MLG05W-0400H12501	1119812
				MLG05W-0400H12503	1129338
	745 mm	745 mm / 0 mm / 0 mm	0.22 m, 0.27 m	MLG05W-0500H12501	1111565
				MLG05W-0500H12503	1130872
	895 mm	295 mm / 305 mm / 295 mm	0.22 m, 0.27 m	MLG05W-0222H12501	1128308
				MLG05W-0222H12503	1130859
		895 mm / 0 mm / 0 mm	0.22 m, 0.27 m	MLG05W-0600H12501	1129762
				MLG05W-0600H12503	1129339
	1,045 mm	1,045 mm / 0 mm / 0 mm	0.22 m, 0.27 m	MLG05W-0700H12501	1112902
		445 mm / 155 mm / 445 mm		MLG05W-0700H12503	1130874
				MLG05W-0313H12503	1140720
	1,195 mm	1,195 mm / 0 mm / 0 mm	0.22 m, 0.27 m	MLG05W-0800H12503	1138148
		745 mm / 305 mm / 145 mm		MLG05W-0521H12503	1136052
	1,345 mm	1,345 mm / 0 mm / 0 mm	0.22 m, 0.27 m	MLG05W-0900H12501	1117410
	5 mm	1,345 mm	1,345 mm / 0 mm / 0 mm	0.22 m, 0.27 m	MLG05W-0900H12503
295 mm / 755 mm / 295 mm			0.22 m, 0.27 m	MLG05W-0252H12501	1120951
				MLG05W-0252H12503	1130860

Beam separation	Total measuring field width	Measuring field width detail (connection side/medium range/head side)	Length of cable	Type	Part no.
		445 mm / 455 mm / 445 mm	0.22 m, 0.27 m	MLG05W-0333H12501	1118807
				MLG05W-0333H12503	1130863
		595 mm / 155 mm / 595 mm	0.22 m, 0.27 m	MLG05W-0414H12503	1140753
		1,495 mm	1,495 mm / 0 mm / 0 mm	0.22 m, 0.27 m	MLG05W-OA00H12501
			MLG05W-OA00H12503		1140857
	445 mm / 605 mm / 445 mm		0.22 m, 0.27 m	MLG05W-0343H12501	1120230
				MLG05W-0343H12503	1130864



Beam separation	Total measuring field width	Measuring field width detail (connection side/medium range/head side)	Length of cable	Type	Part no.
	1,645 mm	295 mm / 1,055 mm / 295 mm	0.22 m, 0.27 m	MLG05W-0272H12501	1116930
				MLG05W-0272H12503	1130861
		445 mm / 755 mm / 445 mm	0.22 m, 0.27 m	MLG05W-0353H12501	1121325
				MLG05W-0353H12503	1130867
		595 mm / 455 mm / 595 mm	0.22 m, 0.27 m	MLG05W-0434H12501	1122326
				MLG05W-0434H12503	1130871
	1,795 mm	445 mm / 905 mm / 445 mm	0.22 m, 0.27 m	MLG05W-0363H12501	1113743
				MLG05W-0363H12503	1130869
		745 mm / 305 mm / 745 mm	0.22 m, 0.27 m	MLG05W-0525H12501	1112673
	1,945 mm	1,945 mm / 0 mm / 0 mm	0.22 m, 0.27 m	MLG05W-0D00H12501	1113822
				MLG05W-0D00H12503	1130875
	2,095 mm	2,095 mm / 0 mm / 0 mm	0.22 m, 0.27 m	MLG05W-0E00H12501	1114684
	2,245 mm	895 mm / 455 mm / 895 mm	0.22 m, 0.27 m	MLG05W-0636H12501	1112222
	2,395 mm	2,395 mm / 0 mm / 0 mm	0.22 m, 0.27 m	MLG05W-0G00H12501	1114533
	2,545 mm	1,195 mm / 155 mm / 1,195 mm	0.22 m, 0.27 m	MLG05W-0818H12501	1115790
		895 mm / 755 mm / 895 mm	0.22 m, 0.27 m	MLG05W-0656H12501	1133417
	2,695 mm	895 mm / 905 mm / 895 mm	0.22 m, 0.27 m	MLG05W-0666H12501	1133663
	2,845 mm	895 mm / 1,055 mm / 895 mm	0.22 m, 0.27 m	MLG05W-0676H12501	1133416
2,995 mm	895 mm / 1,205 mm / 895 mm	0.22 m, 0.27 m	MLG05W-0686H12501	1133662	
3,145 mm	1,195 mm / 755 mm / 1,195 mm	0.22 m, 0.27 m	MLG05W-0858H12501	1132853	

- **Device version:** Web guiding
- **Communication interface:** EtherNet/IP™
- **Option:** Protective housing IP69K
- **Operating range:** 2.5 m

Beam separation	Total measuring field width	Measuring field width detail (connection side/medium range/head side)	Length of cable	Type	Part no.
5 mm	295 mm	295 mm / 0 mm / 0 mm	1.4 m, 1.4 m	MLG05W-0200H52501	1116174
	1,645 mm	295 mm / 455 mm / 895 mm	1.4 m, 1.4 m	MLG05W-0236H52501	1119294
	2,245 mm	2,245 mm / 0 mm / 0 mm	1.4 m, 1.4 m	MLG05W-0F00H52501	1113745
	2,395 mm	2,395 mm / 0 mm / 0 mm	1.4 m, 1.4 m	MLG05W-0G00H52501	1114743

## SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. 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.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our 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 us a reliable supplier and development partner.

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

For us, that is “Sensor Intelligence.”

## WORLDWIDE PRESENCE:

Contacts and other locations –[www.sick.com](http://www.sick.com)