

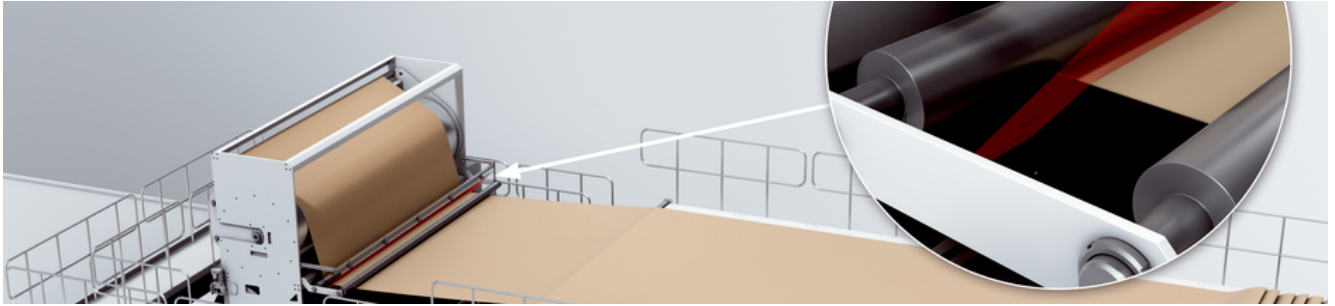


MLG-2 WebChecker

Measuring light grid for precise width control in production

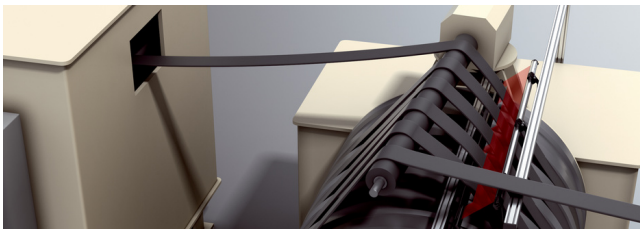
SICK
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Format change

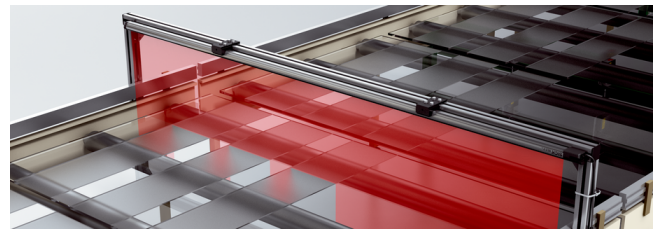


Format change made easy

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

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

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: ± 0.3 mm
- Resolution: ≥ 0.01 mm
- Measuring field: 3,150 mm (in 150 mm steps)
- Response time: 32 μ 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 ± 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

- **Device version:** Web guiding
- **Communication interface:** IO-Link, -
- **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
		895 mm / 0 mm / 0 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0600B12501	1223138
				MLG05W-0600B12599	1110491
5 mm	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
				MLG05W-0414B12503	1133668
	1,495 mm	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
		595 mm / 305 mm / 595 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0424B12501	1108884
	1,645 mm	1,645 mm / 0 mm / 0 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0B00B12501	1114384
		145 mm / 1,355 mm / 145 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0191B12501	1151245
		295 mm / 1,055 mm / 295 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0272B12501	1129452
		595 mm / 455 mm / 595 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0434B12501	1109389
	1,795 mm	1,795 mm / 0 mm / 0 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0C00B12501	1136291
		295 mm / 1,205 mm / 295 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0282B12501	1128632
	1,945 mm	595 mm / 1,205 mm / 145 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0481B12501	1118179
		595 mm / 755 mm / 595 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0454B12501	1136290
		745 mm / 455 mm / 745 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0535B12501	1109470
	2,245 mm	895 mm / 455 mm / 895 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0636B12501	1112221
	2,395 mm	2,395 mm / 0 mm / 0 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0G00B12501	1149816
	2,545 mm	145 mm / 2,255 mm / 145 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-01F1B12501	1113114
		745 mm / 1,055 mm / 745 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0575B12501	1109667
		895 mm / 755 mm / 895 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0656B12501	1222936
	2,995 mm	445 mm / 2,105 mm / 445 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-03E3B12501	1123206
	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
- **Inputs/outputs:** 2 x analog + 2 x Q (IO-Link)
- **Option:** none

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	2,095 mm	595 mm / 905 mm / 595 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0464B12501	1158352

- **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	145 mm	145 mm / 0 mm / 0 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0100I12501	1153602
	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
	745 mm	745 mm / 0 mm / 0 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0500I12501	1157472

Beam separation	Total measuring field width	Measuring field width detail (connection side/medium range/head side)	Length of cable	Type	Part no.
	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
		445 mm / 305 mm / 295 mm	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
		445 mm / 305 mm / 445 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0323I12501	1157473
	1,345 mm	1,345 mm / 0 mm / 0 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0900I12501	1152754
		145 mm / 905 mm / 295 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0162I12501	1222298
		445 mm / 455 mm / 445 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0333I12501	1108966
	1,645 mm	1,645 mm / 0 mm / 0 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0B00I12501	1151510
		145 mm / 1,355 mm / 145 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0191I12501	1154760
		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
		745 mm / 305 mm / 745 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0525I12501	1157474
	1,945 mm	1,945 mm / 0 mm / 0 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0D00I12501	1151511
	2,095 mm	2,095 mm / 0 mm / 0 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0E00I12501	1150395
	2,245 mm	895 mm / 455 mm / 895 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0636I12501	1108967
	2,395 mm	2,395 mm / 0 mm / 0 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0G00I12501	1153754
	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	0.22 m, 0.27 m, 0.19 m	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
				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
5 mm	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-0500R12501	1153330
				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
	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

Beam separation	Total measuring field width	Measuring field width detail (connection side/medium range/head side)	Length of cable	Type	Part no.
		445 mm / 155 mm / 445 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0313R12501	1157464
	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
		595 mm / 605 mm / 145 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0441R12501	1147034
	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
				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
				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, -
- **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
		445 mm / 305 mm / 295 mm	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
		745 mm / 755 mm / 745 mm	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
		895 mm / 755 mm / 895 mm	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:** IO-Link
- **Inputs/outputs:** 1 x analog + 3 x Q (IO-Link)
- **Option:** none

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	295 mm	295 mm / 0 mm / 0 mm	0.22 m, 0.27 m, 0.19 m	MLG05W-0200G12599	1154675

- **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
5 mm	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-0400N12502	1144419
				MLG05W-0400N12503	1136546
	745 mm	295 mm / 155 mm / 295 mm	0.22 m, 0.27 m	MLG05W-0212N12501	1115085
			0.22 m, 0.27 m	MLG05W-0500N12501	1115084
		745 mm / 0 mm / 0 mm		MLG05W-0500N12502	1157168

Beam separation	Total measuring field width	Measuring field width detail (connection side/medium range/head side)	Length of cable	Type	Part no.
	895 mm	895 mm / 0 mm / 0 mm	0.22 m, 0.27 m	MLG05W-0500N12503	1130873
				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
				MLG05W-0700N12503	1146741
		145 mm / 755 mm / 145 mm	0.22 m, 0.27 m	MLG05W-0151N12501	1114927
		445 mm / 155 mm / 445 mm	0.22 m, 0.27 m	MLG05W-0313N12503	1136744
	1,195 mm	1,195 mm / 0 mm / 0 mm	0.22 m, 0.27 m	MLG05W-0800N12501	1115928
				MLG05W-0800N12503	1155319
		295 mm / 605 mm / 295 mm	0.22 m, 0.27 m	MLG05W-0242N12503	1142589
		445 mm / 305 mm / 445 mm	0.22 m, 0.27 m	MLG05W-0323N12503	1136547
	1,345 mm	1,345 mm / 0 mm / 0 mm	0.22 m, 0.27 m	MLG05W-0900N12501	1111642
				MLG05W-0900N12502	1130372
				MLG05W-0900N12503	1155444
		445 mm / 455 mm / 445 mm	0.22 m, 0.27 m	MLG05W-0333N12503	1138240
	1,495 mm	1,495 mm / 0 mm / 0 mm	0.22 m, 0.27 m	MLG05W-0A00N12501	1115619
				MLG05W-0A00N12503	1156511
		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
5 mm	1,495 mm	595 mm / 305 mm / 595 mm	0.22 m, 0.27 m	MLG05W-0424N12503	1130870
	1,645 mm	1,645 mm / 0 mm / 0 mm	0.22 m, 0.27 m	MLG05W-0B00N12501	1140385
				MLG05W-0B00N12503	1154581
		145 mm / 1,355 mm / 145 mm	0.22 m, 0.27 m	MLG05W-0191N12501	1113588

Beam separation	Total measuring field width	Measuring field width detail (connection side/medium range/head side)	Length of cable	Type	Part no.
		145 mm / 455 mm / 1,045 mm	0.22 m, 0.27 m	MLG05W-0137N12501	1121010
		295 mm / 1,055 mm / 295 mm	0.22 m, 0.27 m	MLG05W-0272N12503	1147070
		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
				MLG05W-0434N12503	1152574

Beam separation	Total measuring field width	Measuring field width detail (connection side/medium range/head side)	Length of cable	Type	Part no.
	1,795 mm	745 mm / 155 mm / 745 mm	0.22 m, 0.27 m	MLG05W-0515N12501	1139121
		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
		595 mm / 605 mm / 595 mm	0.22 m, 0.27 m	MLG05W-0444N12501	1146347
				MLG05W-0444N12503	1146774
	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
		1,795 mm / 305 mm / 595 mm	0.22 m, 0.27 m	MLG05W-0C24N12501	1146978
	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-0200E12502	1158940

Beam separation	Total measuring field width	Measuring field width detail (connection side/medium range/head side)	Length of cable	Type	Part no.
				MLG05W-0200E12503	1132650
	445 mm	145 mm / 155 mm / 145 mm	0.22 m, 0.27 m	MLG05W-0111E12501	1110367
		445 mm / 0 mm / 0 mm	0.22 m, 0.27 m	MLG05W-0300E12501	1119811
				MLG05W-0300E12502	1158942
				MLG05W-0300E12503	1129587
	595 mm	595 mm / 0 mm / 0 mm	0.22 m, 0.27 m	MLG05W-0400E12501	1119814
				MLG05W-0400E12503	1158918
	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
				MLG05W-0700E12503	1145200
		445 mm / 155 mm / 445 mm	0.22 m, 0.27 m	MLG05W-0313E12503	1151402
	1,195 mm	1,195 mm / 0 mm / 0 mm	0.22 m, 0.27 m	MLG05W-0800E12501	1141641
	1,345 mm	1,345 mm / 0 mm / 0 mm	0.22 m, 0.27 m	MLG05W-0900E12501	1153985
	1,645 mm	445 mm / 755 mm / 445 mm	0.22 m, 0.27 m	MLG05W-0353E12501	1118080
				MLG05W-0353E12503	1130866
	1,945 mm	745 mm / 455 mm / 745 mm	0.22 m, 0.27 m	MLG05W-0535E12501	1150316
	2,245 mm	745 mm / 755 mm / 745 mm	0.22 m, 0.27 m	MLG05W-0555E12501	1157344
	2,545 mm	895 mm / 755 mm / 895 mm	0.22 m, 0.27 m	MLG05W-0656E12501	1150027
	2,845 mm	895 mm / 1,055 mm / 895 mm	0.22 m, 0.27 m	MLG05W-0676E12501	1149683

- **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
				MLG05W-0100H12503	1152810
	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

Beam separation	Total measuring field width	Measuring field width detail (connection side/medium range/head side)	Length of cable	Type	Part no.
	595 mm	595 mm / 0 mm / 0 mm	0.22 m, 0.27 m	MLG05W-0300H12503	1130862
				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
				MLG05W-0700H12503	1130874
		445 mm / 155 mm / 445 mm	0.22 m, 0.27 m	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	0.22 m, 0.27 m	MLG05W-0521H12503	1136052
	1,345 mm	1,345 mm / 0 mm / 0 mm	0.22 m, 0.27 m	MLG05W-0900H12501	1117410
				MLG05W-0900H12503	1143558
		295 mm / 755 mm / 295 mm	0.22 m, 0.27 m	MLG05W-0252H12501	1120951
				MLG05W-0252H12503	1130860
		445 mm / 455 mm / 445 mm	0.22 m, 0.27 m	MLG05W-0333H12501	1118807
				MLG05W-0333H12503	1130863
5 mm	1,345 mm	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-0A00H12501	1138341
				MLG05W-0A00H12503	1140857
		445 mm / 605 mm / 445 mm	0.22 m, 0.27 m	MLG05W-0343H12501	1120230

Beam separation	Total measuring field width	Measuring field width detail (connection side/medium range/head side)	Length of cable	Type	Part no.
				MLG05W-0343H12503	1130864
		595 mm / 455 mm / 445 mm	0.22 m, 0.27 m	MLG05W-0433H12501	1156779
	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

Beam separation	Total measuring field width	Measuring field width detail (connection side/medium range/head side)	Length of cable	Type	Part no.
		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
		595 mm / 605 mm / 595 mm	0.22 m, 0.27 m	MLG05W-0444H12503	1149911
		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-0D00H12502	1149789
				MLG05W-0D00H12503	1130875
		745 mm / 455 mm / 745 mm	0.22 m, 0.27 m	MLG05W-0535H12501	1150026
	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	1,045 mm / 455 mm / 1,045 mm	0.22 m, 0.27 m	MLG05W-0737H12501	1145042
		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

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