Muting arms

SICK
Sensor Intelligence.

Muting arms

Product description

Muting arms are used together with safety light curtains or safety light-beam sensors to temporarily bridge safety functions safely and in compliance with standards, thereby maintaining the material flow. There are long and short muting arms for the various muting scenarios, which can be flexibly combined with other muting accessories. Complete muting arm kits are also available to enable rapid commissioning. In these kits, the sensors for cross muting (X-muting) or parallel muting (L- or T-muting) are already pre-assembled and aligned.

Ordering information

Other models and accessories ➜ www.sick.com/Muting_arms

Description	Material	Details	Packing unit	Items supplied	Suitable for	Type	Part no.
Cable cover for muting arms, 4 pieces, length 400 mm, suitable for 2111923 and 2111924	–	–	–	–	2111923, 2111924	Cable cover for muting arm	2115890
Muting arm bracket for PP4 or PC4 device columns	Aluminum	Aluminum	1 piece	1 x muting arm bracket, 1 x rhombus sliding nut, 1 × M5 screw, 12 mm, 1 × washer, 5.3 mm	PP4, PC4	BEF-3AAABBAL1	2140086
Muting arm bracket for deTec safety light curtain or deTem safety multibeam sensor	–	–	1 piece	–	deTec, deTem	Muting arm bracket	2106455
Muting arm for active unit with mounted muting sensors with cable	–	–	–	–	–	Muting arm for active unit	2109381
Muting arm kit for 2-sensor cross mut-	–	–	–	2 × GL6G-P0211S98 muting	deTec4, deTec4 Ex II 3GD, deTec4	X-muting arm kit, mounting on device column	2139903

Description	Material	Details	Packing unit	Items supplied	Suitable for	Type	Part no.
ing, pre-assembled and pre-adjusted muting sensors and reflectors, for mounting on both sides of a PP4 or PC4 device column				sensor (2142441), 2 × P250 reflector (5304812), 4 × X-muting bracket (2139886), 2 × muting arm, long (2111923), 2 × muting arm, short (2111924), 4 × PP4 / PC4 muting arm bracket (2140086)	HG, de-Tem4, de-Tem4 A/P, PP4, PC4		
Muting arm kit for 2-sensor cross muting, pre-assembled and pre-adjusted muting sensors and reflectors, for mounting on both sides of a deTec or deTem housing profile	–	–	–	2 × GL6G-P0211S98 muting sensor (2142441), 2 × P250 reflector (5304812), 4 × X-muting bracket (2139886), 2 × muting arm, long (2111923), 2 × muting arm, short (2111924), 2 × muting arm bracket for de-Tec/de-Tem (2106455)	deTec4, deTec4 Ex II 3GD, deTec4 HG, de-Tem4, de-Tem4 A/P	X-muting arm kit, mounting on the device	2139900
Muting arm kit for 2-sensor cross muting: Pre-mounted and pre-aligned muting arm kit for M4000 device profile mounting	–	–	–	2 x muting arm active, 2 x GL6G-P1211 pre-mounted in fixed position and M12 angled plug incl. 2 m cable, 2 x mut-	M4000 Advanced, M4000 Advanced A/P, M4000 Advanced Curtain, PU3Hxx	Muting arm kit M4000, 2 sensors, cross muting	2046171

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Descrip-tion	Material	Details	Pack-ing unit	Items supplied	Suitable for	Type	Part no.
and for device columns with exterior mounting grooves				ing arm passive, 2 x P250 reflector pre-mounted in fixed position			
Muting arm kit for 2-sensor parallel muting, pre-assembled and pre-adjusted muting sensors and reflectors, for left-side mounting on a PP4 or PC4 device column	–	–	–	2 × GL6G-P0211S98 muting sensor (2142441), 2 × P250 reflector (5304812), 4 × L-muting bracket (2113145), 2 × muting arm, long (2111923), 2 × PP4 / PC4 muting arm bracket (2140086)	deTec4, deTec4 Ex II 3GD, deTec4 HG, de-Tem4, de-Tem4 A/P, PP4, PC4	L-muting arm kit, mounting on device column, left	2139904
Muting arm kit for 2-sensor parallel muting, pre-assembled and pre-adjusted muting sensors and reflectors, for left-sided mounting on a deTec or deTem housing profile	–	–	–	2 × GL6G-P0211S98 muting sensor (2142441), 2 × P250 reflector (5304812), 4 × L-muting bracket (2113145), 2 × muting arm, long (2111923), 2 × muting arm bracket for de-Tec/de-Tem (2106455)	deTec4, deTec4 Ex II 3GD, deTec4 HG, de-Tem4, de-Tem4 A/P	L-muting arm kit, mounting on the device, left	2139901
Muting arm kit for 2-sensor parallel muting, pre-assembled and pre-adjusted	–	–	–	2 × GL6G-P0211S98 muting sensor (2142441), 2 × P250 reflector (5304812),	deTec4, deTec4 Ex II 3GD, deTec4 HG, de-Tem4, de-Tem4 A/P, PP4, PC4	L-muting arm kit, mounting on device column, right	2140131

Descrip-tion	Material	Details	Pack-ing unit	Items supplied	Suitable for	Type	Part no.
muting sensors and reflectors, for right-side mounting on a PP4 or PC4 device column				4 × L-muting bracket (2113145), 2 × muting arm, long (2111923), 2 × PP4 / PC4 muting arm bracket (2140086)			
Muting arm kit for 2-sensor parallel muting, pre-assembled and pre-adjusted muting sensors and reflectors, for right-side mounting on a deTec or deTem housing profile	–	–	–	2 × GL6G-P0211S98 muting sensor (2142441), 2 × P250 reflector (5304812), 4 × L-muting bracket (2113145), 2 × muting arm, long (2111923), 2 × muting arm bracket for de-Tec/de-Tem (2106455)	deTec4, deTec4 Ex II 3GD, deTec4 HG, de-Tem4, de-Tem4 A/P	L-muting arm kit, mounting on the device, right	2140130
Muting arm kit for 4-sensor parallel muting, pre-assembled and pre-adjusted muting sensors and reflectors, for mounting on both sides of a PP4 or PC4 device column	–	–	–	4 × GL6G-P0211S98 muting sensor (2142441), 4 × P250 reflector (5304812), 8 × L-muting bracket (2113145), 4 × muting arm, long (2111923), 4 × PP4 / PC4 muting arm bracket (2140086)	deTec4, deTec4 Ex II 3GD, deTec4 HG, de-Tem4, de-Tem4 A/P, PP4, PC4	T-muting arm kit, mounting on device column	2139905
Muting arm kit for 4-sensor	–	–	–	4 × GL6G-P0211S98	deTec4, deTec4 Ex II 3GD,	T-muting arm kit, mounting on the device	2139902

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Description	Material	Details	Packing unit	Items supplied	Suitable for	Type	Part no.
parallel muting, pre-assembled and pre-adjusted muting sensors and reflectors, for mounting on both sides of a deTec or deTem housing profile				muting sensor (2142441), 4 × P250 reflector (5304812), 8 × L-muting bracket (2113145), 4 × muting arm, long (2111923), 2 × muting arm bracket for deTec/deTem (2106455)	deTec4 HG, deTem4, deTem4 A/P		
Muting arm kit for 4-sensor parallel muting: Pre-mounted and pre-aligned muting arm kit for M4000 device profile mounting and for device columns with exterior mounting grooves	–	–	–	2 x muting arm active: 4 x GL6G-P1211 pre-mounted in fixed position and M12 angled plug incl. 2 m cable, 2 x muting arm passive, 4 x P250 reflector pre-mounted in fixed position	M4000 Advanced, M4000 Advanced A/P, M4000 Advanced Curtain, PU3Hxx	Muting arm kit M4000, 4 sensors, parallel muting	2046170
Muting arm with mounted reflectors for passive unit	–	–	–	–	–	Muting arm for passive unit	2109753
Muting arm, long	–	–	–	–	deTec, deTem	Muting arm, long	2111923
Muting arm, short	–	–	–	–	deTec, deTem	Muting arm, short	2111924
Parallel muting (2 sensors), muting sensor brackets for mounting on M4000 housing	–	–	–	2 x muting arm, 2 x muting sensor GL6G-P1211 incl. cable and male connector,	M4000 Advanced, M4000 Advanced A/P, M4000 Advanced Curtain, PU3Hxx	Muting arm kit M4000, 2 sensors, parallel muting	2060156

Descrip-tion	Material	Details	Pack-ing unit	Items supplied	Suitable for	Type	Part no.
profile or device column with external mounting grooves				2 x reflector P250			
Protective plate for muting arm for mounting on PP4 or PC4 device column	–	–	–	1 x muting arm protective plate, left, 2 x rhombus sliding nut, 2 × M5 screws, 12 mm, 2 × washer, 5.3 mm	PP4 device column, PC4 device column, PP4 device column	Muting arm protective plate, PP4 / PC4, left	2140186
				1 x muting arm protective plate, right, 2 x rhombus sliding nut, 2 × M5 screws, 12 mm, 2 × washer, 5.3 mm		Muting arm protective plate, PP4 / PC4, right	2140187
Round steel arm 400 mm, including one universal bracket	–	–	–	Including fixing screws and rhombus sliding nuts	M4000 Advanced, M4000 Advanced A/P, M4000 Advanced Curtain, PU3Hxx	Muting arm kit	2045506
Round steel arm 400 mm, including one universal bracket with a mounted reflector P250	–	–	–	Including fixing screws and rhombus sliding nuts		Muting arm kit	2045513
Round steel arm 400 mm, including one universal bracket with a mounted sensor WL280-2P113	–	–	–	Including rhombus sliding nuts, fixing screws, and M12 x 4 male connector for con-	M4000 Advanced, M4000 Advanced A/P, M4000 Advanced Curtain, PU3Hxx	Muting arm kit	2045729

Muting arms

Description	Material	Details	Packing unit	Items supplied	Suitable for	Type	Part no.
				nection to sensor			
Round steel arm 400 mm, including two universal brackets	–	–	–	Including fixing screws and rhombus sliding nuts	M4000 Advanced, M4000 Advanced A/P, M4000 Advanced Curtain, PU3Hxx	Muting arm kit	2045507
Round steel arm 400 mm, including two universal brackets with a mounted reflector P250	–	–	–	Including fixing screws and rhombus sliding nuts		Muting arm kit	2045512
Round steel arm 400 mm, including two universal brackets with a mounted sensor WL280-2P113	–	–	–	Including rhombus sliding nuts, fixing screws, and M12 x 4 male connector for connection to sensor	M4000 Advanced, M4000 Advanced A/P, M4000 Advanced Curtain, PU3Hxx	Muting arm kit	2045730
Parallel muting (2 sensors), muting sensor brackets for mounting on M4000 housing profile or device columns with external mounting grooves	–	–	–	2 x round steel arm, 4 x universal bracket, 2 x WL280-2P113 incl. cable and male connector, 2 x reflector P250	M4000 Advanced, M4000 Advanced A/P, M4000 Advanced Curtain, PU3Hxx	Muting arm kit M4000, 2 sensors, parallel muting	2060157

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.

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