At a glance

- Modular design
- 4 m, 5.5 m or 7 m protective field range
- Up to 21 switchable field sets (21 protective fields, 42 warning fields)
- EFI interface for safe SICK device communication
- Selectable resolution for hand, leg or body detection
- Configuration memory integrated in the system plug
- Direct integration in PROFINET IO safe bus system
- Incremental encoder inputs for speed-dependent field switching

Your benefits

- Tailored solutions for your applications
- Easy installation, commissioning and maintenance for stationary and mobile applications
- Largest protective field range available in the market increases the variety of application possibilities
- Variety of field sets ensures safety and productivity when protecting vehicles or moving machine parts
- Easily expandable modular system, simple cabling and additional functions using SICK safety controllers with EFI
- Quick recommissioning via configuration memory
- Decades of proven safety technology guarantee maximum reliability and productivity – even under difficult conditions

Further information

www.mysick.com/en/S3000

Ordering information

See www.mysick.com/products for additional accessories

S3000 variants

Variant	Field sets	Protective field range	Model name	Part no.
S3000 Standard	1	4 m	S30A-4011BA	1028934
		5.5 m	S30A-6011BA	1023546
		7 m	S30A-7011BA	1023890
S3000 Advanced	4	4 m	S30A-4011CA	1028935
		5.5 m	S30A-6011CA	1023547
		7 m	S30A-7011CA	1023891
S3000 Professional	8	4 m	S30A-4011DA	1028936
		5.5 m	S30A-6011DA	1019600
		7 m	S30A-7011DA	1023892
S3000 Expert	21/32 [1]	4 m	S30A-4011GB	1052107
		5.5 m	S30A-6011GB	1052108
		7 m	S30A-7011GB	1052109
S3000 Remote	21/32 [1]	4 m	S30A-4011EA	1028938
		5.5 m	S30A-6011EA	1023548
		7 m	S30A-7011EA	1023893
S3000 Cold Store	4	7 m	S31A-7011CA	1041648

[1] Triple field mode/dual field mode.

Variant	Field sets	Connection type	Protective field range	Model name	Part no.
S3000 PROFINET IO Advanced	4	2 bushes for RJ45 push-pull plug for copper lines	4 m	S30A-4111CP	1045650
			5.5 m	S30A-6111CP	1045652
			7 m	S30A-7111CP	1045654
		2 bushes for SCRJ push-pull plug for fiber optic cables	4 m	S30A-4111CL	1052591
			5.5 m	S30A-6111CL	1052593
			7 m	S30A-7111CL	1052595
S3000 PROFINET IO Professional	8	2 bushes for RJ45 push-pull plug for copper lines	4 m	S30A-4111DP	1045651
			5.5 m	S30A-6111DP	1045653
			7 m	S30A-7111DP	1045655
		2 bushes for SCRJ push-pull plug for fiber optic cables	4 m	S30A-4111DL	1052592
			5.5 m	S30A-6111DL	1052594
			7 m	S30A-7111DL	1052596

Accessories required for commissioning

Description	Number	S3000 Standard	S3000 Advanced	S3000 Professional	S3000 Expert	S3000 Remote	S3000 PROFINET IO Advanced	S3000 PROFINET IO Professional	S3000 Cold Store
Mounting kit	1	●	●	●	●	●	●	●	–
Adjustment bracket (specially for Cold Store)	1	–	–	–	–	–	–	–	●
System plug	1 [1]	●	●	●	●	●	–	–	–
Power supply plug (PROFINET IO)	1	–	–	–	–	–	●	●	–
Service cable for configuration and diagnostics	Can be used repeatedly	●	●	●	●	●	–	–	–
Service cable (configuration cable) [2] (specially for Cold Store)	1	–	–	–	–	–	–	–	●
CDS (configuration and diagnostic software) [3]	Can be used repeatedly	●	●	●	●	●	●	●	●

[1] If system plugs without cables are used, an additional connecting cable is required.
[2] See "Recommended accessories for S3000 Cold Store", page 37.
[3] Included in delivery if a device variant is ordered.

Recommended accessories S3000

See www.mysick.com/products for further accessories

Mounting bracket/plates

Figure	Description	Model name	Part no.
	Mounting bracket for direct mounting at the rear of the wall or machine. No adjustment option.	Mounting kit 1	2015623
	Bracket only in conjunction with mounting kit 1. Mounting at rear of the wall or machine. Adjustment by longitudinal and lateral axis possible.	Mounting kit 2	2015624
	Bracket only in conjunction with mounting kit 1 and 2. Mounting on the wall at the rear or at the base at the wall, floor or machine. Adjustment by longitudinal and lateral axis possible.	Mounting kit 3	2015625
	Mounting bracket, heavy version, with protective hood, steel, painted, for floor mounting, height adjustment possible.	Heavy-duty mounting bracket	7087514

Plug connectors and cables

System plugs without cables

Figure	Description	Model name	Part no.
	For S3000 Standard, Advanced, Remote, Professional and Expert (not for use with incremental encoders)	SX0A-A0000B	2023797
	For S3000 Professional and Expert (for use with incremental encoders)	SX0A-A0000D	2023310

System plugs pre-assembled

Figure	Description	Length of cable	Model name	Part no.
	For S3000 Standard and Remote	5 m	SX0A-B0905B	2027170
	For S3000 Standard and Remote, cable outlet at rear	5 m	SX0A-B0905G	2049222
	For S3000 Standard and Remote	10 m	SX0A-B0910B	2027171
	For S3000 Standard and Remote	20 m	SX0A-B0920B	2027814
	For S3000 Advanced	5 m	SX0A-B1305B	2027172
	For S3000 Advanced	10 m	SX0A-B1310B	2027173
	For S3000 Advanced	20 m	SX0A-B1320B	2027815
	For S3000 Professional and Expert (not for use with incremental encoders)	5 m	SX0A-B1705B	2027174
	For S3000 Professional and Expert (not for use with incremental encoders)	10 m	SX0A-B1710B	2027175
	For S3000 Professional and Expert (not for use with incremental encoders)	20 m	SX0A-B1720B	2027816
	For S3000 Professional and Expert (for use with incremental encoders)	5 m	SX0A-B1305D	2027176
	For S3000 Professional and Expert (for use with incremental encoders)	10 m	SX0A-B1310D	2027177

System plug (PROFINET IO)

Figure	Description	Length of cable	Model name	Part no.
	For S3000 PROFINET IO Advanced and Professional	–	SX1A-A0000L	2047286
	For S3000 PROFINET IO Advanced and Professional	1 m	SX1A-B0201L	2049575
	Power-Y distributor with power supply plug for S3000 PROFINET IO Advanced and Professional	–	SX1A-B0201M	2049857
	Adapter cable, RJ45/M12	–	Adapter cable	6044052

Additional accessories for PROFINET connection technology, e.g., **RJ-45 or SCRJ push-pull connection plug**, see www.phoenixcontact.de.

Other accessories

Spare parts set for front screen

Figure	Description	Model name	Part no.
	Front screen with spare seal and screws	–	2027180

Recommended accessories for S3000 Cold Store

Mounting bracket/plates

Figure	Description	Model name	Part no.
	Adjustment bracket for wall mounting, metal, weight approx. 1.6 kg (including mounting material)	Adjustment bracket	2018303

Other accessories

Figure	Description	Model name	Part no.
	With screw threads, M36 x 1.5	Drying agent cartridge	5306179

Plug connectors and cables

Figure	Description	Model name	Part no.
	16-pin connection plug, complete with housing	Connection plug	2018301
	Pre-assembled to RS-232. For inclusion in existing wiring.	Service cable	2019561

For general accessories, see page 50.

For general accessories, see page 50.

For enhanced system solutions, see page 51.

For enhanced system solutions, see page 51.