



S3000 Ordering Guide

1) Choose Scan Head - I/O Module System

Scan Heads are available in Short Range (4 meter), Medium Range (5.5 meter), or Long Range (7 meter) protective field ranges. I/O Modules are available as Standard, Advanced, Professional or Remote variations.

Short Range (4 meters)

I/O Module	Model #	Part #	List Price
Standard	S30A-4011BA	1028934	\$4,309.00
Advanced	S30A-4011CA	1028935	\$4,693.00
Professional	S30A-4011DA	1028936	\$5,670.00
Remote	S30A-4011EA	1028938	\$4,870.00

Medium Range (5.5 meters)

I/O Module	Model #	Part #	List Price
Standard	S30A-6011BA	1023546	\$4,661.00
Advanced	S30A-6011CA	1023547	\$4,945.00
Professional	S30A-6011DA	1019600	\$5,897.00
Remote	S30A-6011EA	1023548	\$4,992.00

Long Range (7 meters)

I/O Module	Model #	Part #	List Price
Standard	S30A-7011BA	1023890	\$5,180.00
Advanced	S30A-7011CA	1023891	\$5,479.00
Professional	S30A-7011DA	1023892	\$6,396.00
Remote	S30A-7011EA	1023893	\$5,511.00

2) Choose System Plug/ Cabling

The system plug contains the configuration memory and is required for electrical connections. Choose between "with" or "without" the Power-I/O cable being pre-wired. The System Plug for Standard, Advanced, Professional and Remote S3000 systems has one M20 cable gland for the Power-I/O cable, plus M20 and M12 blanking plugs. In addition, two M12 EMC-compliant cable glands are shipped loose with the Professional System Plug.

Static cabling is for applications not requiring encoder hook-up. Dynamic cabling is for use with encoders.

System Plug **Without** Cable

Description	Model #	Part #	List Price
Standard, Adv, Remote	SX0A-A0000B	2023797	\$153.00
Professional	SX0A-A0000D	2023310	\$179.00

System Plug **With** Pre-wired Power-I/O Cable

Description	Model #	Part #	List Price
Std & Remote 5 meter	SX0A-B0905B	2027170	\$179.00
Std & Remote 10 meter	SX0A-B0910B	2027171	\$189.00
Std & Remote 20 meter	SX0A-B0920B	2027814	\$224.00
Advanced 5 meter	SX0A-B1305B	2027172	\$184.00
Advanced 10 meter	SX0A-B1310B	2027173	\$199.00
Advanced 20 meter	SX0A-B1320B	2027815	\$235.00
Prof 5 meter static	SX0A-B1705B	2027174	\$189.00
Prof 10 meter static	SX0A-B1710B	2027175	\$209.00
Prof 20 meter static	SX0A-B1720B	2027816	\$245.00
Prof 5 meter dynamic	SX0A-B1305D	2027176	\$209.00
Prof 10 meter dynamic	SX0A-B1310D	2027177	\$224.00

3) If two S3000's are to be connected (i.e. Professional and Remote), choose M12 glands & EFI cable.

Two M12 EMC-compliant cable glands are required for each cable, one at each end and threaded into the System Plug.

The Professional System Plug comes with two M12 EMC glands packaged loose for this use. The System Plug for the Standard, Advanced, and Remote, however, does not ship with M12 EMC glands.

The EFI cable is special high speed communication cable to facilitate communication between two S3000's or one S3000 and UE440.

Description	Part #	List Price
M12 EMC-compliant Cable Gland	5308757	\$5.00
S3000/ UE440 EFI cable (priced per meter)	6026675	\$3.00

Note: If using EFI cable, contact C. Jones prior to ordering from SICK to inquire about other options!

4) Choose Mounting Brackets for flexible mounting

Kit 1 attaches to sides of S3000 for solid mount at rear of S3000 on wall or machine.

Kit 2 mounts to and is used in conjunction with Kit One for longitudinal and cross-wise adjustment.

Kit 3 mounts to Kit 2 (which mounts to Kit 1) for mounting at rear of S3000 on wall or machine or below S3000 on floor.

Kit 123 includes Kit 1, 2 & 3.

Description	Model #	Part #	List Price
Mounting Kit 1	PLS-MB1	2015623	\$100.00
Mounting Kit 2	PLS-MB2	2015624	\$175.00
Mounting Kit 3	PLS-MB3	2015625	\$175.00
Mounting Kit 123	PLS-MB123	7027025	\$434.00

5) Choose Programming Cable

Programming cable facilitates communication between S3000 and PC. This is the same cable that is used to configure C4000's.

Description	Part #	List Price
S3000/ C4000 Programming cable, 2 meter	6021195	\$25.00
S3000/ C4000 Programming cable, 8 meter	2027649	\$50.00

6) Choose a Safety Interface

In order to maintain the Category 3 safety rating of the S3000, safety rated relays, a safety bus, or a safety rated PLC must be used to interface the S3000 OSSD outputs. The UE 10-3OS safety relay ensures safety rating and provides 3NO/ 1NC contacts. The UE 10-3OS safety relay also has NC contacts that can be used with the S3000 EDM function to maintain circuit control reliability.

Description	Model #	Part #	List Price
Safety Rated Relay	UE 10-3OS3D0	6024918	\$112.00

7) Choose a Power Supply, if needed

Maximum power for **each** S3000 requires 2.3 Amps at 24VDC including both OSSD's and auxiliary outputs at full load.

SICK Power Supplies

Description	Model #	Part #	List Price
24 VDC, 2.1 Amp	PS 50W-24V	7028789	\$139.00
24 VDC, 3.9 Amp	PS 95W-24V	7028790	\$200.00

SOLA Power Supplies (Moxley Recommended!)

Description	Model #	Part #	List Price
24VDC 60W (2.5 Amps)	SDN 2.5-24-100P	15318	\$155.00
24VDC 120W (5 Amps)	SDN 5-24-100P	15319	\$239.00
24VDC 240W (10 Amps)	SDN 10-24-100P	15321	\$348.00