



safety laser scanners  
S3000 PROFINET IO, Sensor head

S30A-4111

**Model Name** > [S30A-4111](#)**Part No.** > [2049566](#)

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**Applications**

Hazardous area protection (vertical):	✓
Access protection (vertical):	✓
Hazardous area protection (horizontal):	✓

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**Functions**

Number of simultaneously monitored protective fields:	2
External device monitoring (EDM):	-
Integrated configuration memory:	✓

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**Technical data**

Laser class:	1 (21 CFR 1040.10 and 1040.11, DIN EN 60825:2001)
Enclosure rating:	IP 65 (EN 60529)
Protection class:	III (EN 50178)
Type:	Type 3 (IEC 61496)
Safety integrity level:	SIL2 (IEC 61508), SILCL2 (EN 62061)
Category:	Category 3 (EN ISO 13849)
Performance level:	PL d (EN ISO 13849)
PFHd:	8.0 * 1E-08 (EN ISO 13849)
TM (mission time):	20 a (EN ISO 13849)
Ambient operating temperature:	-10 °C ... +50 °C
Scan angle:	190 °
Protective field range:	4 m
Response time:	60 ms <sup>1)</sup>

<sup>1)</sup> Depending on basic response time and multiple sampling

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