

Safety Laser Scanners

PLS, Laser scanner

Model Name: PLS101-312

Part Number: 1016066

- Protective field range 4 m
- Freely programmable protective fields and warning fields



Applications

Hazardous area protection (vertical): -

Access protection (vertical): -

Hazardous area protection (horizontal): -

Functions

Simultaneous monitoring of two areas: -

Static control outputs for switching between warning fields: -

Incremental encoder inputs: -

External device monitoring: -

Reflector mark detection: -

Expanded measured data output: -

Technical data

Laser protection class: 1

Enclosure rating: IP 65 (EN 60529)

Protection class: 2 (totally isolated)

Safety category: Type 3 (IEC/EN 61496-1)

Ambient operating temperature from ... to: 0 ... 50 °C

Dimensions (W x H x D): 155 x 185 x 156 mm

Weight: 4.5 kg

Scan angle: 180 °

Protective field range:	4 m
Maximum warning field range:	50 m
Number of field sets:	1
Response time:	> 80 ms
Resolution:	< 70 mm
Distance measuring range:	49 m
Number of multiple samplings:	2 ... 16
Electrical connection:	Plug-in connection box with cable fitting, Crimp contacts
Supply voltage:	16,8 V DC, 24 V DC, 28,8 V DC
Number of reset-/restart inputs:	1
Number of safe outputs:	2 , Safety outputs (OSSD)
Number of warning field outputs:	1
Maximum output current:	250 mA
Data interface:	RS-232/RS-422