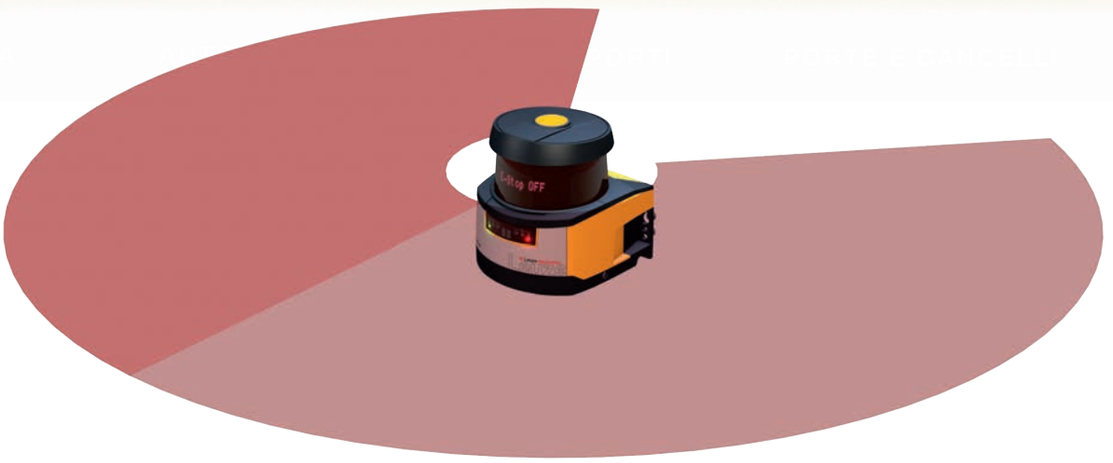
	RSL 400
Safety-related data	
Type in accordance with IEC/EN 61496	3
SIL in accordance with IEC 61508 or SILCL in accordance with IEC/EN 62061	2
Performance level (PL) in accordance with EN ISO 13849-1	d
Category in accordance with EN ISO 13849	2
Optical data	
Protective functions	1, 2
Switchover-capable field pairs	1, 10, 10 + 10, 100
Operating ranges	3 m / 4.25 m / 6.25 m / 8.25 m
Angular range	270°
Wavelength	905 nm
Laser protection class in accordance with EN 60825	1
Electrical data	
Supply voltage	24 V DC, +/-20 %
Current consumption	650 mA (use power supply unit with 2.5 A)
Safety-related switching outputs (OSSDs)	2 x 2 pnp transistor outputs
Switching current	max. 350 mA
Configurable signal outputs	3, 4, 9
Mechanical data	
Dimensions (W x H x D)	140 x 149 x 140 mm
Degree of protection	IP 65
Temperature range, operation	0...+50 °C
Interfaces	
Ethernet TCP/IP	100 Mbit/s
Bluetooth	up to 10 m

Via Brunico, 15
20126 Milano - Italy
Tel. +39 02 2578803 r.a.
Fax. +39 02 27001038
E-mail. sales@tecnelsystem.it
Internet. www.tecnelsystem.it

TecnelSystem S.p.A.
equipaggiamenti elettrici industriali



FEATURES AND FUNCTIONS

	RSL 410- …				RSL 420- …				RSL 430- …				RSL 440- …			
	S	M	L	XL	S	M	L	XL	S	M	L	XL	S	M	L	XL
Max. operating range (m)	3	4.5	6.25	8.25	3	4.5	6.25	8.25	3	4.5	6.25	8.25	3	4.5	6.25	8.25
Max. scanning angle	270°				270°				270°				270°			
Field pairs / quads, switchover-capable	1 / 1				10 / 10				10+10 / 10+10				up to 100 / 50			
OSSD pairs / protective functions (A, B)	1 / 1				1 / 1				2 / 2				2 / 2			
Number of independent sensor configurations	1				1				2				up to 10			
Signal outputs, configurable	up to 3				up to 4				up to 9				up to 9			
Resolution, selectable	•				•				•				•			
Start-up behavior with contactor monitoring (EDM), selectable	•				•				•				•			
Four-field mode	•				•				•				•			
E-Stop linkage	–				•				•				•			
Safe time delay, internal	–				–				•				•			
Data output, configurable	–				–				•				•			

TecnelSystem S.p.A.
equipaggiamenti elettrici industriali

Via Brunico, 15
20126 Milano - Italy

Tel. +39 02 2578803 r.a.
Fax. +39 02 27001038

E-mail. sales@tecnelsystem.it
Internet. www.tecnelsystem.it