

Specifications

Number of beams	1 - 4
Detection zone	500, 600, 900 and 1200mm
Range	0.5 - 40m (model dependent) Cross-beam muting 1.25 - 3.5m Parallel-beam muting 0.5 - 3.5m
Light type	Infrared 880nm
Response time	40ms
Operating temperature	0 °C to +50 °C
Enclosure rating	IP66
Enclosure	(H x W x D) H x 50 x 57mm
Status indicators	Status & Diagnostic LEDs
Status indication	Transmitter (TX) F9 Red LED on = beam(s) transmitting Receiver (RX) F10 Green LED on = Guard clear F11 Yellow LED on = Mute 1 clear F12 Yellow LED on = Mute 2 clear F13 Red LED on = Guard blocked F16 Yellow LED on = Status relay off F17 Yellow LED on = Mute on F15 Red LED on = Safety outputs off F14 Green LED on = Safety outputs on
Power supply requirement	24V DC 2A ± 10%
Current consumption	250mA
Connection	Circular, bayonet locking IP68
Classification	BS EN 61496-1, BS IEC 61496-2 Type 2, BS EN 954-1 Category 3, EN ISO 13849-1 PL d, BS EN 61508 SIL 2
Warranty	1 Year
External Device Monitoring(EDM)	+24V DC = on
Activate	Combined restart and override. On = +24V DC
Muting	Two circular, bayonet locking connectors. One for each independent muting channel, Mute 1 (M1) and M
Mute enable	3rd mute channel. On = +24V DC
Mode select	Cross-beam mute. On = 0V DC Parallel-beam mute. On = +24V DC
Safety outputs	2 x N/O fail-safe switching contacts (OSSD 1 & OSSD 2), each rated at 110V, 2A.
Mute output	Electronic output. 0V DC = Mute on
Product Conformity	The 8000 series has passed Type Examination from European Notified Body, SAFENET to the Machinery Directive. Certification provides users with an assurance that the 8000 series system meets all relevant legislative safety requirements.

Together with our ISO 9001:2008 certification full confidence can be placed in the quality, reliability and above all the safety of Smartscan equipment.