

Datalogic Safety Light Curtains



Specification	SG4-14 Base Series	SG4-30 Base Series	SG4-14 Advanced Series	SG4-30 Advanced Series
Description	<i>Finger Protection, 14mm resolution</i>	<i>Hand Protection, 30mm resolution</i>	<i>Finger Protection, 14mm resolution</i>	<i>Hand Protection, 30mm resolution</i>
Protected Height	150 to 900mm (5.91 to 35.43 in)	300 to 1800mm (11.81 to 70.81 in)	300 to 750mm (11.81 to 29.52 in) (No Dead Zone)	300 to 1800mm (11.81 to 70.87 in) (No Dead Zone)
Safety Level	Cat.4, PLe (EN/ISO 13849-1) Type 4 (IEC 61496-1/2)	Cat.4, PLe (EN/ISO 13849-1) Type 4 (IEC 61496-1/2)	Cat.4, PLe (EN/ISO 13849-1) Type 4 (IEC 61496-1/2)	Cat.4, PLe (EN/ISO 13849-1) Type 4 (IEC 61496-1/2)
Operating Range	0.2 to 6m (0.66 to 19.68 ft)	0.2 to 19m (0.66 to 63.34 ft)	0.2 to 4m (0.66 to 13.12 ft) 0.2 to 7m (0.66 to 22.97 ft) (Selectable)	0.2 to 12m (0.66 to 39.32 ft) 0.2 to 20m (0.66 to 65.62 ft) (Selectable)
Output State	N.C.	N.C.	N.C.	N.C.
Logic Output	Dual PNP outputs, short-circuit protected	Dual PNP outputs, short-circuit protected	Dual PNP / NPN configurable outputs short-circuit protected	Dual PNP / NPN configurable outputs short-circuit protected
Connection Type	Sender: 4-pole, M12 connector Receiver: 8-pole, M12 connector	Sender: 4-pole, M12 connector Receiver: 8-pole, M12 connector	Sender: M12 5-pole connector Receiver: M12 12 poles + M12 5 poles for muting applications M12 12 poles for blanking applications	Sender: M12 5-pole connector Receiver: M12 12 poles + M12 5 poles for muting applications M12 12 poles for blanking applications
Supply Voltage	24VDC $\pm$ 20%	24VDC $\pm$ 20%	24VDC $\pm$ 20%	24VDC $\pm$ 20%
Rating	IEC IP65	IEC IP65	IEC IP65	IEC IP65



Safety Products



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