

Single beam safety light barrier

EU2K



Typ 4
EN 61496



1 - beam - safety light barrier

Safety category type 4

With 2 m fixed mounted cable or M12 plug

24 VDC or 230 VAC version

30 m max. range

Optional : 100 m range with laser transmitter

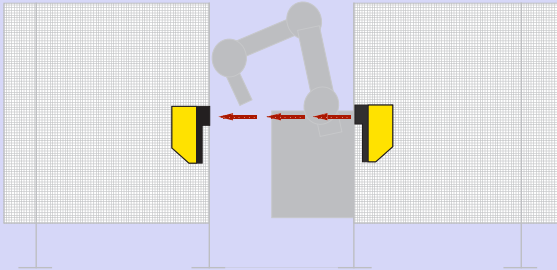
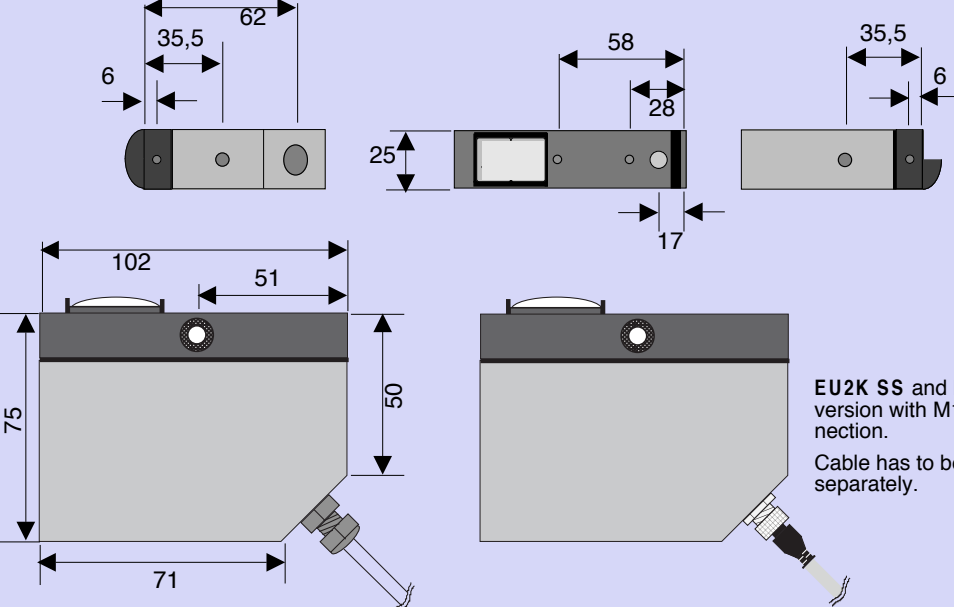


DIN EN ISO 9001
Reg.Nr. 96007



optional



Features	EU2K
	<p>The single beam safety light barrier EU2K is an electro-sensitive protective device (ESPE) and designed for protection of persons from accidents. This is realized by protecting the hazardous sites and areas, enabling any access to hazard inhibiting parts of the machine only by crossing the protective field created by the light barrier. When entering the protective field, the light beams are interrupted and the machine will be reliably stopped.</p> <p>Single beam safety light barriers EU2K are characterized by:</p> <ul style="list-style-type: none"> - examination by the German technical surveyor authorities (TÜV) - approval by the German employer's liability insurance association (BG) - compliance with safety category 4, EN61496 - built-in self-monitoring device without auxiliary circuitry - compact, sturdy structural shape- simple installation and adjustment - option: EEx-P.
Application	<p>Application for the EU2K safety light-grid: as protection device at hazardous sites and areas as well as pedestrian access, i.e.:</p>
	 <ul style="list-style-type: none"> - metal presses for wood, plastic, rubber, leather, glass processing - filter presses- folding and bending machines - injection moulding machines - machining centres and welding presses - pick-and-place machines - robots, palletizers - protecting storages- doors and gates etc
Dimension	
<p>EU2K SK and EU2K EK version with 2m fixed mounted cable</p>	 <p>EU2K SS and EU2K ES version with M12 plug connection. Cable has to be ordered separately.</p>
Technical data	
	<p>detection range: up to 30 m optional: 100m range with laser transmitter</p> <p>Voltage: 230V AC / 24V DC, optional 24V DC / 24V DC</p> <p>Switching time: 12ms; max. switching current 500m</p> <p>Adjustment display and reading of soiling degree integrated in the receiver</p> <p>unithousing dimensions: 25x75x102 (length x width x height)</p> <p>weight: 400g</p> <p>optional: EEx-P</p> <p>outputs OSSD 1 and 2: fail-safe PNP-outputs, max. 0,5 A short-circuit monitoring</p>