

Through Beam Sensors



SA250-P24

Part Number

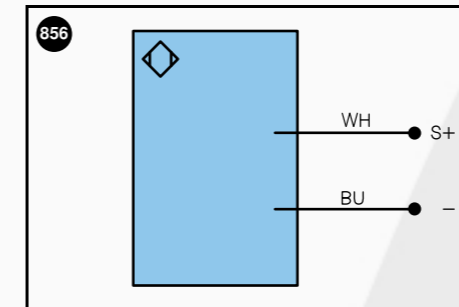
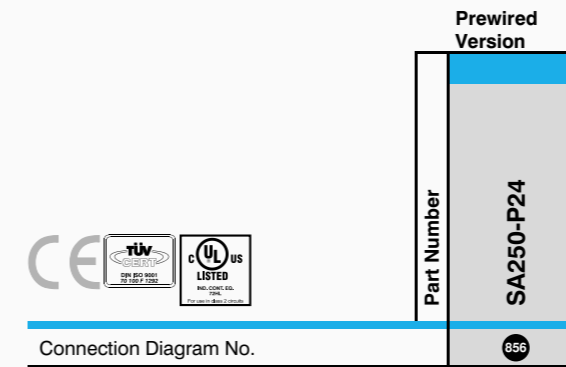
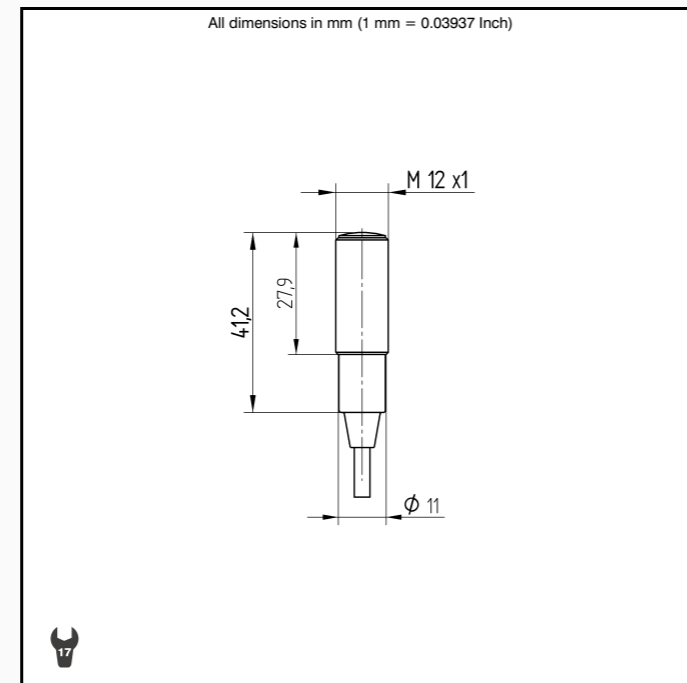
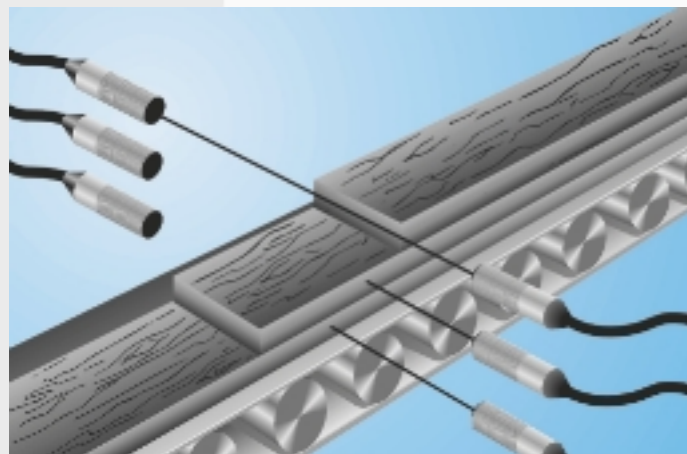


Technical Data

Optical Data	
Range / adjustable	25000 mm
Light Source	Infrared Light
Service Life (T = +25°C)	100000 h
Opening Angle	12°
Electrical Data	
Sensor Type	Emitter
Temperature Drift	< 10 %
Temperature Range	-25...60 °C
Short Circuit Protection	yes
Reverse Polarity Protection	yes
Overload Protection	yes
Mechanical Data	
Housing	BrasNicPlated
Full Encapsulation	yes
Protection Mode	IP 67
Connection	Prewired
Cabel Length	6 m

- For connection to LV 250 control module
- Functions reliably with severe contamination
- No interactive influence

These through-beam sensors work in combination with the LV250 controller. They can be freely positioned as desired. Thanks to their large working range, the devices demonstrate excellent functional reliability in highly contaminated environments.



Legend					
+	Power supply "+"	U	Test input	Wire colors according to DIN IEC 757	
-	Power supply "0V"	W	Trigger input	BK	black
-	Power supply (AC Voltage)	O	Analog output (1,2,3,...)	BN	brown
A	Switching output (1,2,3...)/ NO	O-	Ground for the analog output	RD	red
A	Switching output (1,2,3...)/ NC	BZ	Block discharge	OG	orange
V	Contamination / Error output (NO)	Aw	Valve output	GN	green
V	Contamination / Error output (NC)	a	Valve control output "+"	BU	blue
E	Input (analog or digital)	b	Valve control output "0V"	VT	violet
T	Teach input	SY	Synchronization	GY	grey
Z	Time delay (activation)	E+	Receiver-Line	WH	white
S	Shielding	S+	Emitter-Line	PK	pink
RxD	RS-232 receive path	⊕	Grounding	GNYE	green yellow
TxD	RS-232 send path				

Accessories

- Mounting Clamp BSM12B
- Mounting Bracket W12
- Controller LV250