

OM70-11155463

Distanz-Sensoren

Distance sensors

DéTECTEURS de mesure de distances



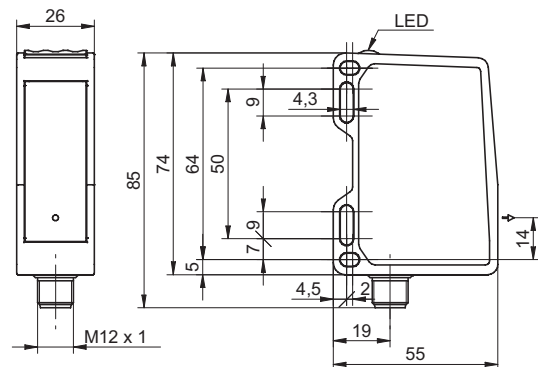
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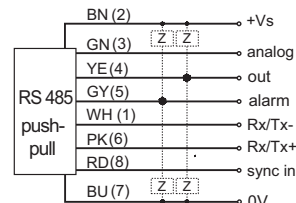
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Abmessungen Dimensions Dimensions

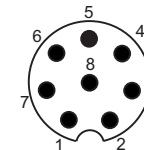


- Alle Masse in mm
- All dimensions in mm
- Toutes les dimensions en mm
- * Senderachse
- * emitter axis
- * axe émetteur

Elektrischer Anschluss Connection diagram Schéma de raccordement



- BN = Braun/brown/brun
- GN = Grün/green/vert
- YE = Gelb/yellow/jaune
- GY = Grau/grey/gris
- WH = Weiss/white/blanc
- PK = Rosa/pink/rose
- RD = Rot/red/rouge
- BU = Blau/blue/bleu



¹⁾ Class 2, UL 1310, see further sides

- Vor dem Anschliessen des Sensors die Anlage spannungsfrei schalten.
- Disconnect power before connecting the sensor.
- Mettre l'installation hors tension avant le raccordement du détecteur.

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Technische Daten

Technical data

Données techniques

Messdistanz Sd	100 ... 150 mm	measuring distance Sd	100 ... 150 mm	Distance de mesure Sd	100 ... 150 mm
Messbereich (Breite)	48 ... 72 mm	measuring range (width)	48 ... 72 mm	Plage de mesure (Largeur)	48 ... 72 mm
Strahlform	multi-spot	beam type	multi-spot	Forme du faisceau	multi-spot
Messfrequenz	192...570 Hz 2) 3)	measuring frequency	192...570 Hz 2) 3)	Fréquence de mesure	192...570 Hz 2) 3)
Betriebsspannungsbe- reich +Vs ¹⁾	15 ... 28 VDC	voltage supply range +Vs ¹⁾	15 ... 28 VDC	Plage de tension +Vs ¹⁾	15 ... 28 VDC
Stromaufnahme max. (ohne Last)	120 mA	current consumption max. (no load)	120 mA	Consommation max. (sans charge)	120 mA
verpolungsfest	ja, Vs zu GND	reverse polarity protection	yes, Vs to GND	Protégé contre inversion polarité	oui, Vs vers GND
kurzschlussfest	ja	short circuit protection	yes	Protégé contre courts-circuits	oui
Fremdlichtsicherheit	< 35 kLux	ambient light immunity	< 35 kLux	Insensibilité à la lumière ambiante	< 35 kLux
Arbeitstemperatur	-10 ... +50 °C	operating temperature	-10 ... +50 °C	Température de fonctionnement	-10 ... +50 °C
Schutzart	IP 67	protection class	IP 67	Classe de protection	IP 67

Bedienungsanleitung und Anleitung für Programmierung über RS485 bitte auf www.baumer.com herunterladen
Please download the operating instructions and instructions for programming via RS485 from www.baumer.com
Veuillez télécharger le mode d'emploi et les instructions de programmation via RS485 à partir du site www.baumer.com

Technische Änderungen vorbehalten Technical specifications subject to change Sous réserve de modifications techniques

LIVE MONITOR			
	▽		
MEAS TYPE			
	△ ▽	Avg DIST Max DIST Min DIST	
OBJECT			
	△ ▽	Bright Dark	
PRECISION			
	△ ▽	Standard High Very High	
FIELD OF VIEW			
	△ ▽	LIMIT LEFT	Value in mm
		LIMIT RIGHT	Value in mm
		Set max values	
ANALOG OUT			
	△ ▽	SCALE OUT	DIST NEAR Value in mm
			DIST FAR Value in mm
			Set max values
		ANALOG OUT	Current / Voltage
		CHARACTERISTIC	Pos. slope / Neg. slope
DIGITAL OUT			
	△ ▽	DIGITAL OUT	Point / Window
		SWITCH POINT	Value in mm
		WINDOW P1	Value in mm
		WINDOW P2	Value in mm
		OUTPUT LEVEL	Active high / Active low
SYSTEM			
	△ ▽	RS485 BAUD	38400 57600 115200
		RS485 ADDR	number
		DISPLAY LIGHT	OFF 5min OFF 10min OFF 20min Always ON
		SENSOR INFO	SENSOR TYPE
			SERIAL NUM
		LANGUAGE	English Deutsch Inglese Français
		RESET	Factory Set
SETTINGS			
	△	APPLY	Setting 1 Setting 2 Setting 3
		STORE	Setting 1 Setting 2 Setting 3
		SHOW ACTIVE	Values
		SHOW SETTING 1	Values
		SHOW SETTING 2	Values
		SHOW SETTING 3	Values

