

OXE7.E25T-11111452

Kanten-Sensoren

Edge sensors

DéTECTEUR de bords

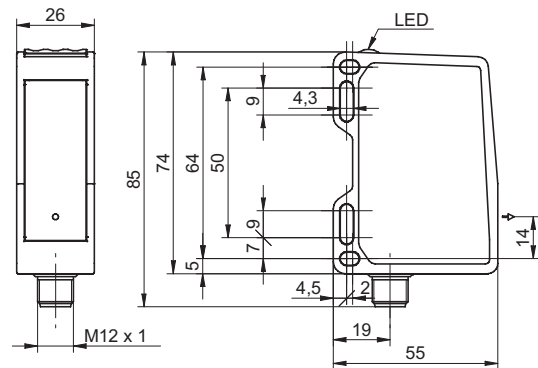


11111452



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Abmessungen Dimensions Dimensions

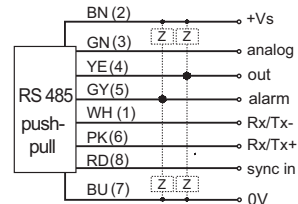


- Alle Maße in mm
- All dimensions in mm
- Toutes les dimensions en mm

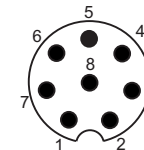
Elektrischer Anschluss

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 FAQ

- 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

Messbereich (Breite)	75 ... 125 mm	measuring range (width)	75 ... 125 mm	Plage de mesure (Largeur)	75 ... 125 mm
Messbereich (Abstand)	150 ... 250 mm	measuring range (distance)	150 ... 250 mm	Plage de mesure (Distance)	150 ... 250 mm
Messfrequenz	125...500 Hz	measuring frequency	125...500 Hz	Fréquence de mesure	125...500 Hz
kleinstes erfassbares Objekt	1 ... 1,5 mm	smallest object recognizable	1 ... 1,5 mm	Plus petit objet détectable	1 ... 1,5 mm
kleinste erfassbare Kante	2 mm	smallest edge recognizable	2 mm	Plus petit bord détectable	2 mm
Betriebsspannungsbereich +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)	150 mA	current consumption max. (no load)	150 mA	Consommation max. (sans charge)	150 mA
Ausgangssignal	4 ... 20 mA / 0 ... 10 VDC	output signal	4 ... 20 mA / 0 ... 10 VDC	Signal de sortie	4 ... 20 mA / 0 ... 10 VDC
Schaltausgang	Gegentakt	switching output	push-pull	Sortie commutation	push-pull
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	< 25 kLux	ambient light immunity	< 25 kLux	Insensibilité à la lumière ambiante	< 25 kLux
Arbeitstemperatur	-20 ... +50 °C	operating temperature	-20 ... +50 °C	Température de fonctionnement	-20 ... +50 °C
Schutzart	IP 67	protection class	IP 67	Classe de protection	IP 67

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

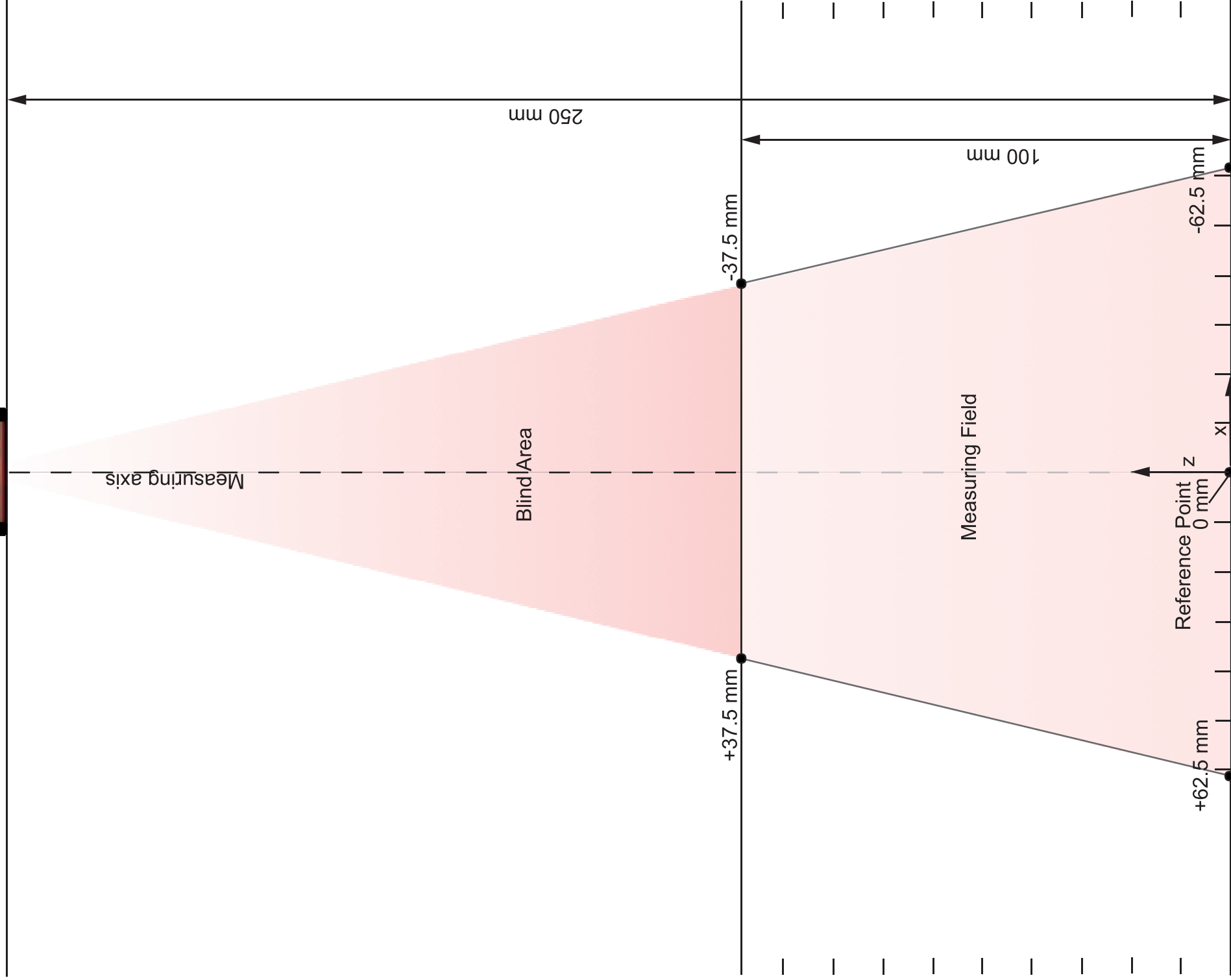
Funktionsbaum
Function tree
Arbre de fonction

LIVE MONITOR						
	▽					
FUNCTION		EDGE	LIVE MONITOR	Angle in ° and Distance in mm		
			MEAS TYPE	Edge L rise Edge L fall Edge R rise Edge R fall		
			EDGE HEIGHT	Value in mm		
			OBJECT	Bright Dark		
			PRECISON	Standard High Very High		
			FLEX MOUNT	No Yes	TEACH REF	THICKNESS REF
	△ ▽	WIDTH	LIVE MONITOR	Angle in ° and Distance in mm		
			MEAS TYPE	Width Center Width		
			OBJ HEIGHT	Value in mm		
			OBJECT	Bright Dark		
			PRECISON	Standard High Very High		
			FLEX MOUNT	No Yes	TEACH REF	THICKNESS REF
		GAP	LIVE MONITOR	Angle in ° and Distance in mm		
			MEAS TYPE	Gap Center Gap		
			GAP DEPTH	Value in mm		
			OBJECT	Bright Dark		
			PRECISON	Standard High Very High		
			FLEX MOUNT	No Yes	TEACH REF	THICKNESS REF
FIELD OF VIEW		AUTO		Height Width; Value height in mm		
		LIMIT LEFT		Value in mm		
	△ ▽	LIMIT RIGHT		Value in mm		
		OFFSET		Value in mm		
		FIELD OF VIEW		Set max values		
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 after 5min OFF after 10min OFF after 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		



Left

Right



Measuring axis

Blind Area

Measuring Field

Reference Point
0 mm

250 mm

100 mm

-37.5 mm

-62.5 mm

x

z

+37.5 mm

+62.5 mm