

OPTICAL SENSORS

	CYLINDRICAL SENSORS		MINI-SENSORS						MIDI-SENSORS					MAXI-SENSORS		FIBRE OPTICS	
	S15	S50/S51	SMall	S3Z	S40	S41	S45	S100	S8	S6	S60	S62	S90	S300 PA	S300 PR	S7	S70
MAXIMUM SENSING-/ SCANNING RANGE																	
Through-beam sensors 	0...20 m	0...30 m  0...60 m	0...2 m	0...15 m 0...30 m 		0,1...6 m	0...15 m 0...20 m 	0...12 m	0...25 m	20 m	0...20 m 0...60 m 	0...25 m	0...60 m 	0...50 m	0...60 m	0...300 mm (*)	0...1740 mm (*)
Retro-reflective sensors 	0,1...5 m	0,1...5 m	0,05...1,5 m					0,01...8 m		0,1...6 m		0,1...13 m		0,1...15 m			
Polarised retro-reflective sensors 	0,1...4 m	0,1...4,5 m 0,1...16 m 	0,1...1 m	0,05...4 m 0,3...10 m 	0,1...2,5 m 0,1...6 m 	0,1...2,5 m	0,1...7 m 0...2 m (coaxial) 0,1...15 m 	0,01...3 m 0,01...5,5 m	0...5 m 0...10 m 	0,1...5 m	0...8 m 0...4 m (coaxial) 0,1...20 m 	0,1...8 m 0,3...20 m 	0...3 m 0,1...6 m 0,1...20 m 	0,1...10 m	0,1...22 m		
Retro-reflective sensors for transparent objects 	0,1...0,8 m	0,1...1,7 m		0...2 m	100...700 mm	100...700 mm	0...2 m		0...0,8 m 0...2 m		0...2 m (coaxial)		0...1,5 m				
Energetic light scanner 	1...100 mm 1...350 mm 1...1000 mm	0...100 mm 0...400 mm 0...700 mm 0...350 m 		5...150 mm 0...700 mm	5...300 mm 5...150 m 	2...350 mm	0...800 mm 1...250 m 	2...300 mm 2...500 mm	0...500 mm	10...900 mm 10...2000 mm	0...100 cm 0...200 cm 0...60 cm 	0...900 mm 0...2000 mm 0...900 mm 	10...1000 mm 50...2000 mm 0...600 mm 	50...2000 m	0...5000 m	0...100 mm (*)	0...550 mm (*)
Fix focus 	0...50 mm	100 mm	3...15 mm 3...20 mm 3...30 mm 3...50 mm			110 mm		70 mm									
Background suppression 	40...120 mm	0...100 mm		0...300 mm 0...300 mm 	15...100 mm 15...60 mm 		1...200 mm 3...400 mm 4...120 mm 	0...100 mm	50...300 mm 20...200 mm 	10...100 mm 30...250 mm 100...500 mm	7...20 cm 5...10 cm 	30...300 mm 60...600 mm 60...1200 mm 200...2000 mm 30...1500 mm 	20...200 mm 5...100 mm 	0,2...2 m	400...2500 mm		
Fibre optics 		0...100 mm (Through-beam sensors) 0...30 mm (energetic light scanner)															
Contrast sensors 		10 ±2 mm					10 ±2 mm		9 ±2 mm		19 mm +/-2 mm (white)		19 ±2 mm				
Luminescence sensors 		0...20 mm							10...20 mm		0...40 mm		0...40 mm				

Dietz Sensortechnik
Wilhelmstraße 39 · 64646 Heppenheim
Phone +49 6252 94299-0 · Fax +49 6252 94299-8
info@dietz-sensortechnik.de
www.dietz-sensortechnik.de