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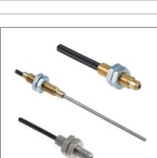
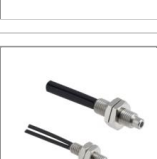
ЛАЗЕРНЫЕ ДАЛЬНОМЕРЫ

Технические характеристики

sample picture	product family	housing	sensing distance min.	sensing distance max.	features
	OXE7.E (PosCon 3D) Edge sensors	26x74x55 mm, metal	150 mm	250 mm	• 0-10 VDC / 4-20 mA (adaptive) • measuring mode: edges, center, width, gap • RS 485 interface • IP 67
	OADM 20 (Laser, connector 5 pin, > 130 mm) Distance sensors	20,6x65x50 mm, metal	50 mm	600 mm	• response time < 0,9 ms • teachable measuring range Sr > 5 mm • IP 67
	OADM 12 (Laser) Distance sensors	12,4x37x34,5 mm, metal	16 mm	120 mm	• smallest distance measuring sensor • teachable measuring range Sr > 1 mm • IP 67
	OADM 12 (Laser, class 1) Distance sensors	12,4x37x34,5 mm, metal	16 mm	120 mm	• smallest distance measuring sensor • teachable measuring range Sr > 1 mm • resolution up to 2 µm • Laser class 1 • IP 67
	OADM 13 (Laser, current output) Distance sensors	13,4x48,2x40 mm, metal	50 mm	550 mm	• compact housing, current output • teachable measuring range Sr > 5 mm • resolution up to 10 µm • IP 67
	FADK 14 (current output) Distance sensors	14,8x43x31 mm, plastic	50 mm	400 mm	• compact design • measuring distance Sd 50 ... 400 mm • resolution up to 0,1 mm • IP 67
	ZADM 023 (PosCon, short measuring range) Edge sensors	23 mm, metal	50 mm	500 mm	• Teach-in measuring range • measuring mode: edges, center, width • RS 485 interface • IP 67
	ZADM 034 (ParCon, analog output) Edge sensors	34 mm, metal	0 mm	40 mm	• measuring of edge position and object width • parallel, uniform light beam • high measuring frequency • IP 67
	OADM 20 (Laser, connector 8 pins, < 300 mm) Distance sensors	20,6x65x50 mm, metal	30 mm	300 mm	• response time < 0,9 ms • teachable measuring range Sr > 2 mm • resolution up to 4 µm • IP 67
	FADK 14 (voltage output) Distance sensors	14,8x43x31 mm, plastic	50 mm	400 mm	• compact design • measuring distance Sd 50 ... 400 mm • resolution up to 0,1 mm • IP 67

	OXC7 (PosCon CM)	26x74x55 mm, metal	150 mm	250 mm	• Measurement of center positions, diameters, and outer positions of round objects • Suitable for outer diameters up to 130 mm • Output in mm • Touch display for parameterization • Extra wide, adjustable measuring field • Laser class 1 • IP 67
	OXH7 (PosCon HM)	26x74x55 mm, metal	100 mm	150 mm	• Position-independent height measurements • Very high resolution up to 2 µm • Output in mm • Touch display for parameterization • Extra wide, adjustable measuring field • Laser class 1 • IP 67
	OXH7 (PosCon HM)	26x74x55 mm, metal	100 mm	500 mm	• Position-independent height measurements • Very high resolution up to 4 µm • Output in mm • Touch display for parameterization • Adjustable measuring field • Laser class 2 • IP 67
	FADH 14 (current output) Distance sensors	19,6x52,2x34,3 mm, metal	50 mm	400 mm	• hygiene design • compact design • measuring distance Sd 50 ... 400 mm • resolution up to 0,1 mm • IP 68/69K & proTect+
	FADH 14 (voltage output) Distance sensors	19,6x52,2x34,3 mm, metal	50 mm	400 mm	• hygiene design • compact design • measuring distance Sd 50 ... 400 mm • resolution up to 0,1 mm • IP 68/69K & proTect+
	FADR 14 (current output) Distance sensors	19,6x51x34,3 mm, metal	50 mm	400 mm	• washdown design • compact design • measuring distance Sd 50 ... 400 mm • resolution up to 0,1 mm • IP 68/69K & proTect+
	FADR 14 (voltage output) Distance sensors	19,6x51x34,3 mm, metal	50 mm	400 mm	• washdown design • compact design • measuring distance Sd 50 ... 400 mm • resolution up to 0,1 mm • IP 68/69K & proTect+
	FCE xCD 1 Fiber optics	3x12 mm, metal	1 mm	400 mm	• with thread
	FCE xEF 1 Fiber optics	6x18 mm, metal	1 mm	46 mm	• with thread
	FKE xCD 1 Fiber optics	5x31,2 mm, metal	1 mm	70 mm	• with thread
	FLC xCD 2 Fiber optics	5x14,7 mm, metal	-	4500 mm	• Chemical and oil proof • Smooth sensing head

	FLE xCD 1 Fiber optics	4x15 mm, metal	1 mm	530 mm	• with thread
	FPE xCD 1 Fiber optics	4x28 mm, metal	-	4140 mm	• with thread
	FPE xCD 4 Fiber optics	4x30 mm, metal	-	4500 mm	• Smooth sensing head • side view
	FSA xCD 1 Fiber optics	4x14 mm, metal	-	690 mm	• Heat resistant • with thread
	FSB xCD 1 Fiber optics	4x17 mm, metal	-	1200 mm	• Heat and cold resistant • with thread
	FSC xCD 4 Fiber optics	4,7x15,8 mm, metal	-	1030 mm	• Chemical and oil proof • Smooth sensing head • side view
	FSE xCD 1 Fiber optics	3x11 mm, metal	-	1200 mm	• with thread
	FSE xCD 2 Fiber optics	3x15 mm, metal	-	1200 mm	• Smooth sensing head
	FSE xCD 4 Fiber optics	4x22 mm, metal	-	750 mm	• with thread • Smooth sensing head • side view
	FSE xCD 6 Fiber optics	20x25x3 mm, metal	-	790 mm	• Array • Line length = Number of holes x hole spacing

	FSE xEF 1 Fiber optics	3x11 mm, metal	-	900 mm	• with thread
	FSE xEF 4 Fiber optics	2,5x27 mm, metal	-	52 mm	• Smooth sensing head • side view
	FSE xEF 6 Fiber optics	12x8x3 mm, plastic	-	140 mm	-
	FUAxCD 1 Fiber optics	6x20 mm, metal	1 mm	200 mm	• Heat resistant • with thread
	FUB xCD 1 Fiber optics	6x17 mm, metal	1 mm	400 mm	• Heat and cold resistant • with thread
	FUC xCD 2 Fiber optics	6x16 mm, metal	1 mm	170 mm	• Chemically resistant • Smooth sensing head
	FUE xCD 1 Fiber optics	3x11 mm, metal	1 mm	300 mm	• with thread
	FUE xCD 2 Fiber optics	4x20 mm, metal	1 mm	300 mm	• Smooth sensing head
	FUE xCD 4 Fiber optics	3x55 mm, metal	1 mm	40 mm	• Smooth sensing head • side view
	FUE xCD 6 Fiber optics	20,6x20,6x5 mm, metal	1 mm	265 mm	• Array • Line length = Number of holes x hole spacing
	FUE xEF 1 Fiber optics	3x10 mm, metal	1 mm	210 mm	• with thread

	FUG xCD 1	6x25 mm, metal	1 mm	160 mm	• Heat and cold resistant • with thread • Glass fibers
	FWDK 84 (analog output) Fiber optic sensors & cables	10x29,7x60 mm, plastic	-	90 mm	• analog output 1 ... 5 VDC • adjustable resolution • IP 40
	FWE xCD 1 Fiber optics	3x14 mm, metal	-	2175 mm	• with thread
	FWE xCD 2 Fiber optics	3x15 mm, metal	-	2350 mm	• Smooth sensing head
	OADK 25 (Laser) Distance sensors	23,4x63x45 mm, plastic	100 mm	1000 mm	• qTeach • alarm output • IP 67
	OADM 12 (Laser, RS485 interface) Distance sensors	12,4x37x34,5 mm, metal	16 mm	120 mm	• smallest distance measuring sensor • serial interface RS 485 • resolution up to 4 µm • Laser class 1 • IP 67
	OADM 13 (Laser, current output, focused beam) Distance sensors	13,4x48,2x40 mm, metal	50 mm	200 mm	• compact housing, current output • high sensitivity • fine laser line • IP 67
	OADM 13 (Laser, RS232 interface) Distance sensors	13,4x48,2x40 mm, metal	50 mm	550 mm	• serial interface RS 232 • resolution up to 50 µm • also with laser line for rough surfaces • IP 67
	OADM 13 (Laser, RS485 interface) Distance sensors	13,4x48,2x40 mm, metal	50 mm	550 mm	• serial interface RS 485 • resolution up to 50 µm • also with laser line for rough surfaces • IP 67
	OADM 13 (Laser, voltage output) Distance sensors	13,4x48,2x40 mm, metal	50 mm	550 mm	• compact housing, voltage output • teachable measuring range $S_r > 5$ mm • resolution up to 10 µm • IP 67

	OADM 13 (Laser, voltage output, focused beam) Distance sensors	13,4x48,2x40 mm, metal	50 mm	200 mm	• compact housing, voltage output • high sensitivity • fine laser line • IP 67
	OADM 20 (Laser, connector 5 pin, < 130 mm) Distance sensors	20,6x65x50 mm, metal	30 mm	130 mm	• response time < 0,9 ms • teachable measuring range $S_r > 2$ mm • IP 67
	OADM 20 (Laser, connector 8 pins, > 300 mm) Distance sensors	20,6x65x50 mm, metal	100 mm	1000 mm	• response time < 0,9 ms • teachable measuring range $S_r > 10$ mm • resolution up to 15 μm • IP 67
	OADM 20 (Laser, fixed sensing range, < 250 mm) Distance sensors	20,6x65x50 mm, metal	30 mm	250 mm	• current or voltage output • resolution up to 10 μm • also with laser line for rough surfaces • IP 67
	OADM 20 (Laser, fixed sensing range, > 250 mm) Distance sensors	20,6x65x50 mm, metal	100 mm	1000 mm	• current or voltage output • resolution up to 0,2 mm • also with laser line for rough surfaces • IP 67
	OADM 20 (Laser, outdoor applications, < 1000 mm) Distance sensors	20,6x65x50 mm, metal	50 mm	1000 mm	• for demanding applications • very high ambient light immunity • extremely vibration resistant • IP 67
	OADM 21 (Laser) Distance sensors	20,4x135x45 mm, metal	100 mm	1000 mm	• teachable measuring range $S_r > 10$ mm • resolution up to 10 μm • synchronization input • IP 67
	OADM 250 (Laser) Distance sensors	25,4x66x51 mm, metal	200 mm	4000 mm	• measuring independent of colors up to 4 m • extremely compact housing • teachable measuring range • IP 67
	OADM 260 (Laser) Distance sensors	25,4x66x51 mm, metal	200 mm	13000 mm	• measuring up to 13 m • extremely compact housing • teachable measuring range • IP 67
	OADR 20 (Laser, variable sensing range) Distance sensors	20,3x65x51 mm, metal	30 mm	600 mm	• washdown design • Ecolab approved • front screen PMMA • IP 69K & proTect+
	OM70 (MESAX multi-spot) Distance sensors	26x74x55 mm, metal	100 mm	150 mm	• Stable measurement values even on coarse and shiny surfaces • Very high resolution up to 2 μm • Output in mm • Touch display for parameterization • Extra wide, adjustable measuring field • Laser class 1 • IP 67

	OM70 (MESAX multi-spot) Distance sensors	26x74x55 mm, metal	100 mm	500 mm	• Stable measurement values even on coarse and shiny surfaces • Very high resolution up to 4 µm • Output in mm • Touch display for parameterization • Extra wide, adjustable measuring field • Laser class 2 • IP 67
	ZADM 023 (PosCon, large measuring range) Edge sensors	23 mm, metal	640 mm	1400 mm	• Teach-in measuring range • measuring mode: edges, center, width • RS 485 interface • IP 67
	ZADM 034 (ParCon, for large distances) Edge sensors	34 mm, metal	0 mm	200 mm	• measuring of edge position and object width • parallel, uniform light beam • high measuring frequency • IP 67
	ZADM 034 (ParCon, switching output) Edge sensors	34 mm, metal	0 mm	40 mm	• detection of small objects • measuring area 24 x 40 mm • high measuring frequency • IP 67

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