



Standard cylindrical fiber sensor heads

The standard cylindrical fiber optic sensing heads provide reliable object detection, easy installation and long sensor lifetime for all general applications.

- High-flex fibers and 90° cable exit for cable breakage prevention
- Models with hexagonal back for simplified one-nut mounting
- Sizes M3 to M6

Ordering information

Sensor type	Size	Sensing distance (in mm) ^{*1}		Order code	
		Standard	High-flex	Standard	High-flex
	M4	760	530	E32-TC200 2M	E32-ET11R 2M
	M3	220	130	E32-TC200E 2M	E32-ET21R 2M
	M4	–	530	–	E32-T11N 2M
	M6	250 ^{*2}	–	E32-R21	–
	M6	300	170	E32-DC200 2M	E32-ED11R 2M
	M4	80	30	E32-D211 2M	E32-D211R 2M
	M3	80	30	E32-DC200E 2M	E32-ED21R 2M
	M6	–	170	–	E32-D11N 2M
	dia 6 mm	110	45	E32-D14L 2M	E32-D14LR 2M

^{*1} Sensing distance measured with E3X-DA-S family in standard mode. In high resolution mode the sensing distance is approx. 30% higher.

^{*2} Measured with E39-R3

Specifications

Item	Standard					High Flex					
	E32- <u>C</u> 200	E32-D14L	E32- <u>C</u> 200E	E32-D211	E32-R21	E32- <u>E</u> _R	E32-D14LR	E32-D211R	E32- <u>11</u> N		
Permissible bending radius	R25		R10			R1					
Cut to length	Yes										
Material	Head	Brass-nickel plated	Stainless steel	Brass-nickel plated	Stainless steel	Plastic (ABS)	Brass-nickel plated	Stainless steel	Brass-nickel plated		
	Fiber	PMMA									
	Sheath	Polyethylene coating					PVC coating				
Degree of protection	IEC 60529 IP67										