



Standard cylindrical fiber sensor heads

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

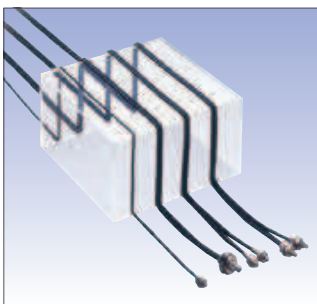
- High-flex fibers and 90° cable exit for fiber breakage prevention
- Models with hexagonal back for simplified one-nut mounting
- Sizes M3 to M6

Ordering information

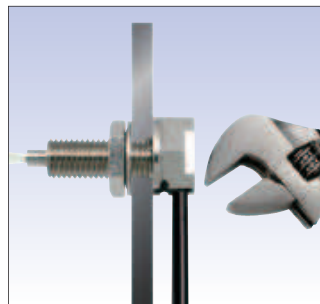
Sensor type	Size	Sensing distance (in mm)				Order code	
		Standard fiber		High-flex fiber		Standard fiber	High-flex fiber
		E3X-SD	E3X-DA-S	E3X-SD	E3X-DA-S		
	M4	800	1550	1100	1400	E32-TC200 2M	E32-ET11R 2M
	M3	200	450	50	130	E32-TC200E 2M	E32-ET21R 2M
	dia 4 mm	1100	1500	–	–	E32-ETC220 2M	–
	M4	–	–	530	1000	–	E32-T11N 2M
	M6	250	–	–	–	E32-R21	–
	M6	300	600	400	550	E32-DC200 2M	E32-ED11R 2M
	M4	70	160	30	60	E32-D211 2M	E32-D211R 2M
	M3	70	160	100	150	E32-DC200E 2M	E32-ED21R 2M
	M6	–	–	170	350	–	E32-D11N 2M
	dia 6 mm	80	220	35	100	E32-D14L 2M	E32-D14LR 2M

Specifications

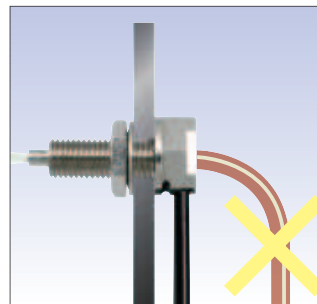
Item	Standard					High Flex				
	E32- _C200 E32- _C220	E32-D14L	E32- _C200E	E32-D211	E32-R21	E32-E_R	E32-D14LR	E32-D211R	E32- _11N	
Permissible bending radius	R25		R10			R1				
Cut to length	Yes									
Ambient temperature	-40°C to 70°C									
Material	Head	Brass-nickel plated	Stainless steel	Brass-nickel 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									



Hi-flex multicore fibers for flexibility in installation without fiber breakage



Models with hexagonal back for simple one-nut mounting



Cable exit shifted by 90° for preventing fiber breakage