

The OMRON logo is displayed in a bold, blue, sans-serif font. The letters are thick and closely spaced, with a consistent blue color throughout.

Automatización Eléctrica
Especialistas en Automatización

At the end of this document you will find links to products related to this catalog. You can go directly to our shop by clicking [HERE](#). [HERE](#)



Heat resistant fiber sensor heads

The wide range of heat resistant fibers provides long sensor lifetime with highest protection in demanding environments

- heat resistant up to 400°C
- sizes from dia 2 mm to M6
- models for long distances or high detection accuracy

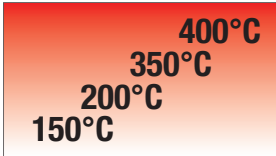
Ordering information

Sensor type	Size	Sensing distance (in mm)		Key feature	Order code	
		E3X-SD	E3X-DA-S		For E3X-SD and E3X-DA-S teachable amplifiers	For E3X-NA amplifier with potentiometer adjustment
	M4	1800	3000	-40°C to 150°C	E32-ET51 2M	
		400	800	-40°C to 100°C ^{*1} , high-flex	E32-T51R 2M	
		360	550	-40°C to 200°C	E32-T81R-S 2M	
		600	900	-60°C to 350°C	E32-T61-S 2M	
	dia 2 mm	260	450	-40°C to 150°C	E32-T54 2M	
	dia 3 mm	1400	2600	-40°C to 200°C	E32-T84S-S 2M	
	M6	400	500	-40°C to 150°C	E32-ED51 2M	
		140	280	-40°C to 100°C ^{*1} , high-flex	E32-D51R 2M	
		90	180	-40°C to 200°C	E32-D81R-S 2M	E32-D81R 2M
		90	180	-60°C to 350°C	E32-D61-S 2M	E32-D61
	M4	60	120	-40°C to 400°C	E32-D73-S 2M	E32-D73
	23x20x9 mm	15 - 38		-40°C to 150°C	E32-A09H 2M	
	30x24x9 mm	20 - 30		-40°C to 300°C	E32-A09H2 2M	
	25x18x5 mm	1 - 5		-40°C to 300°C	E32-L64 2M	
	36x18x5 mm	5 - 18			E32-L66 2M	

*1 Short term resistance. For continuous operation -40°C to 90°C

Specifications

Item	-40°C to 150°C	-40°C to 100°C	-40°C to 150°C		-40°C to 200°C		-40°C to 300°C		-60°C to 350°C	-40°C to 400°C
	E32-E_51	E32-D51R/T51R	E32-T54	E32-A09H	E32-_81_	E32-T84_	E32-A09H2	E32-L6_	E32-_61_	E32-D73_
Permissible bending radius (in mm)	R35	R2	R35		R10	R25				
Cut to length	Yes					No				
Material	Head	Brass-nickel plated	Stainless steel		Aluminium	Stainless steel				
	Fiber	PMMA	Acrylate resin	PMMA		Glass				
	Sheath	Fluoro resin	Polyurethane resin	Fluoro resin			Stainless steel spiral coating	Stainless steel tube	Stainless steel spiral coating	Stainless steel tube
Degree of protection	IEC 60529 IP67	IEC 60529 IP50	IEC 60529 IP67						IEC 60529 IP40	IEC 60529 IP67



The temperature range optimised material selection provides best application fit and value - performance ratio.



Stainless steel spiral coating for flexibility with highest mechanical protection.

Below is a list of articles with direct links to our shop Electric Automation Network where you can see:

- Quote per purchase volume in real time.
- Online documentation and datasheets of all products.
- Estimated delivery time enquiry in real time.
- Logistics systems for the shipment of materials almost anywhere in the world.
- Purchasing management, order record and tracking of shipments.

To access the product, [click on the green button.](#)

Product	Code	Reference	Product link
Motor-protective circuit breaker, switch type, 3-pole, 1.1-1.6A	105971		Buy on EAN
	148562		Buy on EAN
	143166		Buy on EAN
	143165		Buy on EAN
Thermocouple probe	129784	E52-CA6D	Buy on EAN