







## Ordering Information





### Sensor Heads: E3NC-L Compact Laser Sensor Series (Dimensions → page 17)

Sensing method	Appearance	Beam shape	Sensing distance	Laser class	Cable length	Model
Coaxial Retro-reflective with MSR function		Spot	 8 m *	Class 1	2 m	E3NC-LH03 2M
					5 m	E3NC-LH03 5M
Diffuse-reflective		Variable spot	 1.2 m		2 m	E3NC-LH02 2M
					5 m	E3NC-LH02 5M
Limited-reflective		Spot	 70±15 mm		2 m	E3NC-LH01 2M
					5 m	E3NC-LH01 5M

\* These values apply when an E39-R21, E39-R22, E39-RS10, or E39-RS11 Reflector is used. A Reflector is not included. Purchase a Reflector separately to match the intended use of the Sensor.

**Note:** Only an E3NC-LA□□ Amplifier Unit can be connected.




### Amplifier Units: E3NC-L Compact Laser Sensor Series (Dimensions → page 19)

Connecting method	Appearance	Inputs/outputs	Model	
			NPN output	PNP output
Pre-wired (2 m)		2 outputs + 1 input	E3NC-LA21 2M	E3NC-LA51 2M
Wire-saving Connector		1 output + 1 input	E3NC-LA7	E3NC-LA9
M8 Connector		1 output + 1 input	E3NC-LA24	E3NC-LA54
Connector for Sensor Communications Unit *		---	E3NC-LA0	

\* A Sensor Communications Unit is required if you want to use the Amplifier Unit on a network.

**Note:** Only an E3NC-LH□□ Sensor Head can be connected.

### Sensor Heads: E3NC-S Ultra-compact CMOS Laser Sensor Series (Dimensions → page 18)

Sensing method	Appearance	Beam shape	Measurement range	Laser class	Cable length	Model
Distance-settable		Spot	 35 to 250 mm	Class 2	2 m	E3NC-SH250H 2M
				Class 1	2 m	E3NC-SH250 2M
			Class 1	2 m	E3NC-SH100 2M	

**Note:** Only an E3NC-SA□□ Amplifier Unit can be connected.