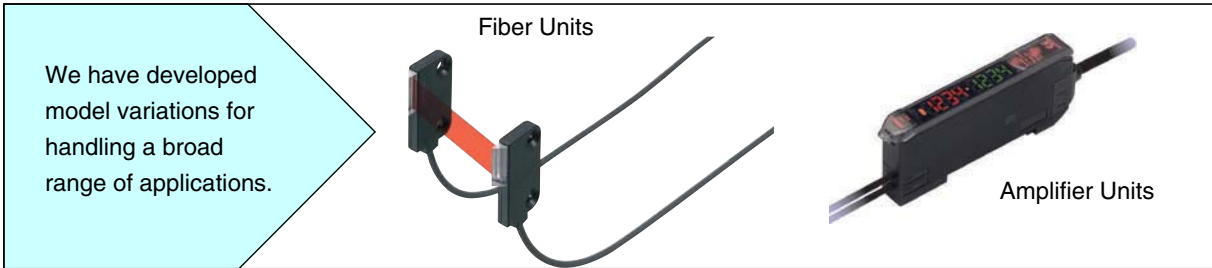




## Selection Guide



### Fiber Units

Detection conditions	Environmental conditions	
	Standard environments	Special environments
<b>Standard detection</b> <ul style="list-style-type: none"> <li>Workpiece presence</li> <li>Positioning</li> <li>Level differences and marks</li> </ul>	<b>Standard Models</b> ●●●▶ P.6 	<b>Special environments</b> <ul style="list-style-type: none"> <li>High-temperature environments (up to 400°C)</li> <li>Environments subject to scattering of chemicals and oil</li> <li>Vacuum environments</li> </ul>
<b>Special-beam</b> <ul style="list-style-type: none"> <li>Long-distance sensing, resistance to dust and dirt</li> <li>Small beam, resistance to rattling</li> <li>Detection of transparent objects</li> </ul>	<b>Special-beam Models</b> ●●●▶ P.10 	<b>Environment-resistive Models</b> ●●●▶ P.14 
<b>Application-corresponding</b> <ul style="list-style-type: none"> <li>Labels</li> <li>Liquid level</li> <li>Alignment and mapping of glass substrates</li> <li>Water mapping</li> </ul>	<b>Application-corresponding Models</b> ●●●▶ P.16 	

### Amplifier Units

Type	Digital		Manual
Appearance		2-channel models	
Response time	48 μs, 1 ms, or 4 ms (2-output models: 80 μs, 1 ms, or 4 ms)	100 μs, 1 ms, or 4 ms	200 μs (high-speed models: 20 μs)
Light source	Red, green, blue, or infrared LED		Red or green LED
Function	Dual display (including digital, bar, percent, and hold display functions) Threshold adjustment performed manually or by teaching OFF-delay, ON-delay, one-shot timer (adjustable from 1 ms to 5 s)		LED bar display (5 levels) 8-turn sensitivity adjuster OFF delay timer (fixed at 40 ms)
	Advanced-function models are available (2-output/input models).		Water-resistant models are available.
Models	E3X-DA□-S E3X-DA□TW-S (2-output model) E3X-DA□RM-S (input model)	E3X-MDA□	E3X-NA□ E3X-NA□F (high-speed model) E3X-NA□V (water-resistant model)