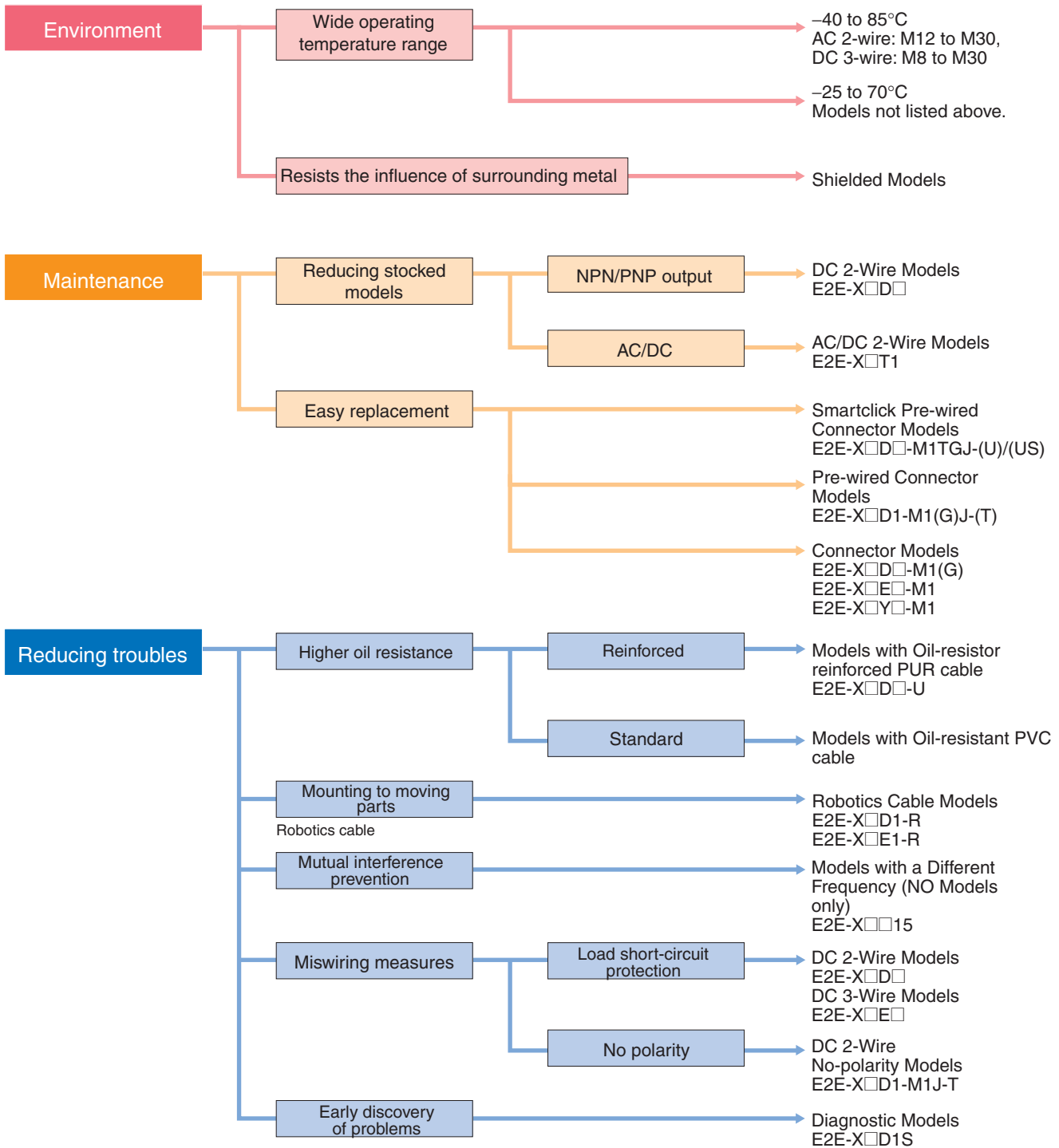


E2E Guide to Selection by Purpose



Note: Refer to *Models Not Listed in this Catalog* for Long Body Models, Transmission Couplers, and Power Couplers.

E2E Model Number Legend

E2E- ① ② ③ ④ ⑤ ⑥ ⑦ - ⑧ ⑨ - ⑩ - ⑪ - ⑫ ⑬

| No. | Classification | Code | Meaning | Remarks |
|-----|--|----------|--|---|
| ① | Appearance | X | Cylindrical (threaded) | |
| ② | Sensing distance | Number | Sensing distance (Unit: mm) | Example: 1R5: 1.5 mm |
| | | R | Indication of decimal point | |
| ③ | Shielding | Blank | Shielded Model | |
| | | M | Unshielded Model | |
| ④ | Power supply and output specifications | B | DC 3-wire PNP open-collector output | Whether D models have polarity is defined by number ⑩. |
| | | C | DC 3-wire NPN open-collector output | |
| | | D | DC 2-wire polarity/no polarity | |
| | | E | DC 3-wire NPN collector load built-in output | |
| | | F | DC 3-wire PNP collector load built-in output | |
| | | T | AC/DC 2-wire | |
| | | Y | AC 2-wire | |
| ⑤ | Form of output switching element | 1 | Normally open (NO) | |
| | | 2 | Normally closed (NC) | |
| ⑥ | Oscillation frequency type | Blank | Standard frequency | Used to prevent mutual interference. |
| | | 5 | Different frequency | |
| ⑦ | Self-diagnosis | Blank | No | |
| | | 5 | Yes | |
| ⑧ | Connection method | Blank | Pre-wired | |
| | | M1 | M12-size metal connector | |
| | | M3 | M8-size metal connector | |
| ⑨ | Connector specifications | Blank | Connector Model DC 3-wire and AC 2-wire, DC 2-wire with self-diagnosis output, DC 2-wire with old pin arrangement | |
| | | G | Connector Model DC 2-wire with IEC pin arrangement | |
| | | J | Pre-wired Connector Model DC 3-wire and AC 2-wire, DC 2-wire with old pin arrangement | |
| | | GJ | Pre-wired Connector Model DC 2-wire with IEC pin arrangement | |
| | | TJ | Pre-wired Smartclick Connector Model DC 2-wire | |
| | | TGJ | Pre-wired Smartclick Connector Model DC 2-wire with IEC pin arrangement | |
| ⑩ | DC 2-wire polarity | Blank | Polarity | |
| | | T | No polarity | |
| ⑪ | Cable specifications | Blank | Standard PVC cable (oil resistant) | |
| | | R | Flexible PVC cable (oil resistant) | |
| | | U | Polyurethane cable (oil resistant and reinforced) | |
| ⑫ | New model | N | New model (Applies only to DC 2-wire pre-wired and shielded models.) | This is blank if the cable specification in number ⑪ is R or U. |
| | Standard-certified model | US | UL-recognized model (Applies to DC 2-wire pre-wired models and pre-wired connector models.) | |
| ⑬ | Cable length | Letter M | Cable length (Unit: m) (Applicable to Pre-wired Models and Pre-wired Connector Models.) | Example: 2M 0.3M |

Note: The purpose of this model number legend is to provide understanding of the meaning of specifications from the model number. Models are not available for all combinations of code numbers.