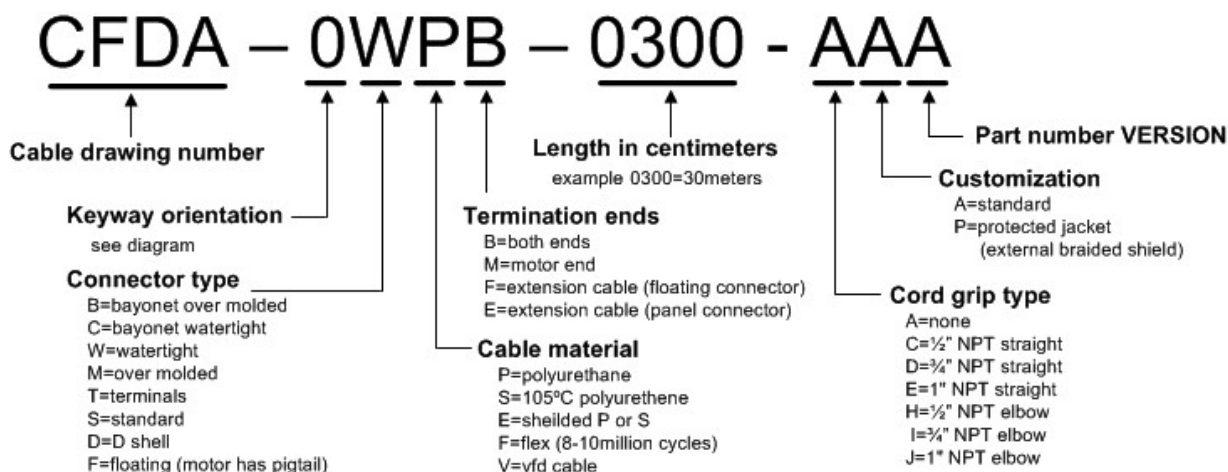


## 1.6 Cable Part Number Structure

FANUC America - CNC's CNC Cables have been developed with an intelligent part numbering scheme, which is described in this section. These cables are watertight at the motor, where applicable use CE Mark compliant (extended ground pin) connectors, and have either an 80°C polyurethane jacket or for high power applications 105°C (to keep down wire size) oil resistant PVC jacket. Environmental cables are available for all servo and spindle applications in 1-meter lengths up to 25 meters (longer lengths may be available in 5 meter increments). The part number is made up as follows:

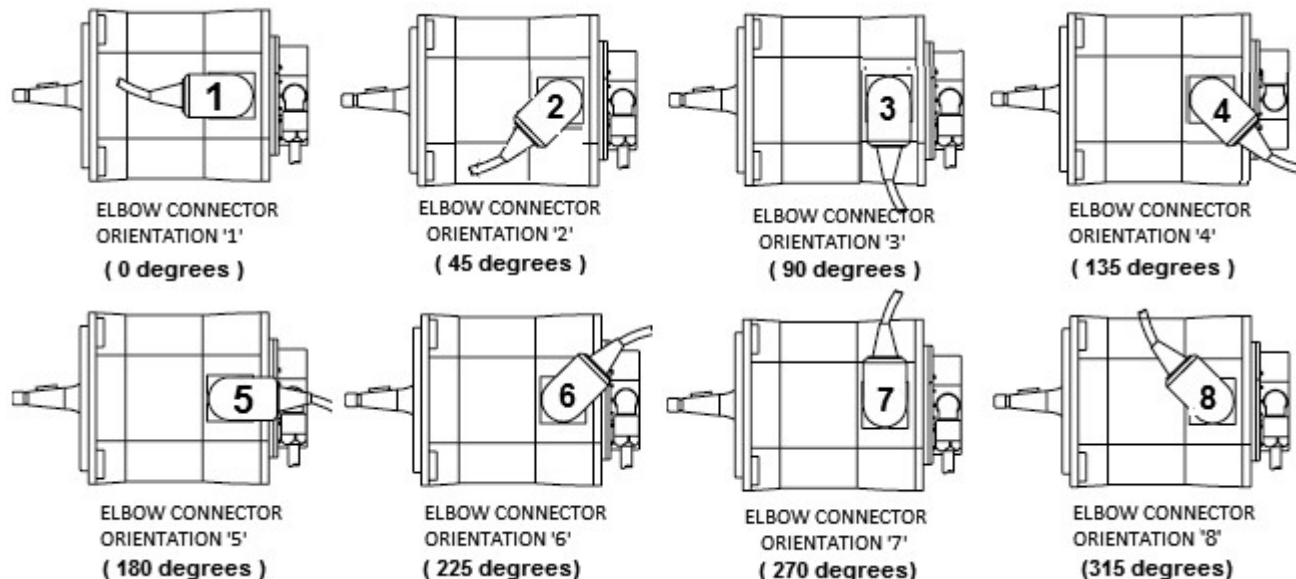


**Note 1:** Although this cable numbering system has great flexibility, it is not practical to supply all possible combinations. Check with the parts department for availability.

**Note 2:** The "M" cables are molded and watertight to at least IP67 rating. The "W" cables indicate a watertight assembled connector with an IP67 rating. "D" are watertight D shell connectors. "S" and "T" are unrated and not watertight.

### 1.6.1 Keyway Orientations

Below is a diagram showing elbow connector orientations. To confirm which orientations are available view the details on the specific drawing.



### 1.6.2 Connector Types

Different connector types are available for specific cables. View the details on the specific drawing to confirm which types are available.

#### WATERTIGHT



**STRAIGHT**



**ELBOW**



#### MOLDED



**OVERMOLDED (M)**

