# 6SE7012-0TP50-Z-G91-C43-K80

Industrial automation components

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| **Manufacturer** | Siemens |
| **Catalog number** | 6se7012-0tp50-z-g91-c43-k80 |
| **Category** | Industrial automation components |
| **Product type** | Industrial automation components |
| **Status** | Active product |

## Technical specification

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|---|---|
| **Product Type** | AC Variable Frequency Drive |
| **Product Series** | MASTERDRIVES MC |
| **Rated Output Power** | 0.75 kW |
| **Supply Voltage** | 3-phase AC 380–480 V |
| **Communication Interface** | PROFIBUS-DP |
| **Option Codes** | C43, G91, K80 |

## Description

The Siemens 6SE7012-0TP50-Z is a compact AC variable frequency drive from the MASTERDRIVES MC series, designed for precise motor control in industrial applications. With a rated output power of 0.75 kW and a supply voltage of 3-phase AC 380–480 V, it delivers reliable performance in demanding environments.

The drive features a PROFIBUS-DP communication interface (option G91) for seamless integration into automation systems. Additional option codes include C43, providing a measuring transducer for multi-turn encoders, and K80, offering a safe stop function to prevent unintended starts.

This drive is suitable for applications requiring high safety standards and continuous operation, such as manufacturing processes and automation systems.

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