

MITSUBISHI MELSERVO SAFETY OPTION

# Product Data Sheet

## MR-D05UDL3M-B

Three-meter Safe Torque Off cable

|                 |               |
|-----------------|---------------|
| MODEL           | MR-D05UDL3M-B |
| MATERIAL NUMBER | 227986        |
| PRODUCT TYPE    | STO cable     |
| CABLE LENGTH    | 3 m           |
| WEIGHT          | 0.13 kg       |

## 01 VERIFIED TECHNICAL DATA

|                        |                           |
|------------------------|---------------------------|
| Endpoint configuration | Connector at one end      |
| Flexibility            | Standard                  |
| Protection class       | IP20                      |
| Drive-side interface   | CN8 STO input             |
| Connector set          | 2069250-1                 |
| Safety circuits        | STO1, STO2, TOF1 and TOF2 |
| Sales status           | Standard                  |

## 02 PRODUCT OVERVIEW

Mitsubishi MR-D05UDL3M-B is a 3 m STO cable for connecting a compatible drive-unit safety interface to a safety control device other than MR-J3-D05. The verified product weight is 0.13 kg.

## 03 APPLICATION NOTES

- External safety-controller wiring for compatible servo amplifiers
- Safe Torque Off circuits on Mitsubishi CNC drive units
- Safety-gated automated machine axes
- Servo systems requiring STO feedback signals
- Controlled machine-stop and restart validation

Source: Mitsubishi Electric product record and controlled drive-system manuals.