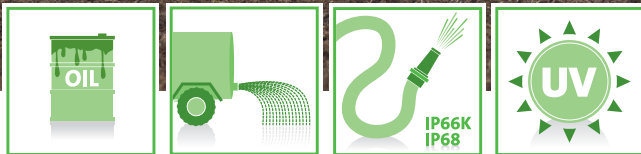


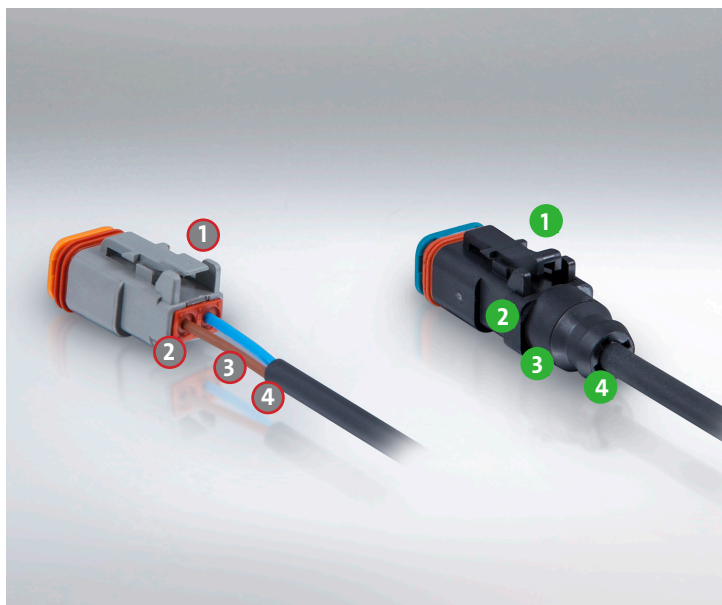
MDC CONNECTORS

Mobile, DEUTSCH Style Connectors

Murrelektronik introduces you to the MDC connector family. MDC is our version of the DEUTSCH style connector which brings our strength and innovation to this well-known Mobile connector interface.



Traditionally, Deutsch style connectors are hand assembled in the field or onto wire harnesses. Let's explore some of the pitfalls of hand wired DEUTSCH connectors:



Field Assembled Connector

- 1 Flat locking lever has poor ergonomics
- 2 Multi-gasket is not ideal when two different wire cross sections are used
- 3 Stripped cable jacket offers little protection against mechanical damage and UV-radiation
- 4 Open cable jacket can conduct liquids into a housing or control, no bend protection, cable tension has a direct effect on the contact

The MDC connector addresses these problems with:

Murrelektronik MDC

- 1 Ergonomic locking lever
- 2 Double sealing action with multi-gasket and potting compound
- 3 Welded hard plastic for maximum robustness of the cable outlet, wires well protected in potting compound, integrated conduit retainer
- 4 Sealed connection to cable jacket, medium cannot seep between jacket and wire, jacket provides stability, cable tension absorbed by the housing



Meet the complete MDC portfolio

The MDC:

- has the shortest connector body on the market - 48mm
- is pre-wired, ready to install
- is 100% electrically tested at the factory

Murrelektronik MDC series are compatible with:

- DEUTSCH DT series
- Amphenol AT series
- Molex ML-XT series

MDC connectors come standard with:

- Tough, wear-and-tear resistant PUR cable jackets
- 18AWG (0.75mm²) wires
- Lengths from .2m up to 100m

PLUG



| Poles | Connector | Cable Type | Other | Art. Number |
|-------|-----------|------------|------------|--------------------|
| 2 | MDC06-2S | Black PUR | | 7072-72011-754xxxx |
| | | | LED | 7072-72031-754xxxx |
| | | | LED & Supp | 7072-72041-754xxxx |
| | | | Supp | 7072-72051-754xxxx |
| 3 | MDC06-3S | | | 7072-72081-564xxxx |
| 4 | MDC06-4S | | | 7072-72161-569xxxx |
| 6 | MDC06-6S | | | 7072-72221-572xxxx |

SOCKET



| Poles | Connector | Cable Type | Art. Number |
|-------|-----------|------------|--------------------|
| 2 | MDC04-2P | Black PUR | 7072-72301-754xxxx |
| 3 | MDC04-3P | | 7072-72381-564xxxx |
| 4 | MDC04-4P | | 7072-72461-569xxxx |
| 6 | MDC04-6P | | 7072-72521-572xxxx |

PLUG to SOCKET



| Poles | Connector | Cable Type | Art. Number |
|-------|----------------------|------------|--------------------|
| 2 | MDC06-2S to MDC04-2P | Black PUR | 7072-77001-754xxxx |
| 3 | MDC06-3S to MDC04-3P | | 7072-77031-564xxxx |
| 4 | MDC06-4S to MDC04-4P | | 7072-77061-569xxxx |
| 6 | MDC06-6S to MDC04-6P | | 7072-77121-572xxxx |

PLUG to PLUG



| Poles | Connector | Cable Type | Art. Number |
|-------|---|------------|--------------------|
| 2 | MDC06-2S to MDC06-2S | Black PUR | 7072-77005-754xxxx |
| | MDC06-2S to MDC06-4S | | 7072-77102-754xxxx |
| 4 | MDC06-4S to MDC06-4S | Violet PUR | 7072-77091-569xxxx |
| | MDC06-4S to MDC06-4S CAN Connection Cable | | 7072-77095-804xxxx |

PLUG to M12 Male



| Poles | Connector | Cable Type | Art. Number |
|-------|----------------------|------------|--------------------|
| 2 | MDC06-2S to M12 Male | Black PUR | 7072-43081-754xxxx |
| 4 | MDC06-4S to M12 Male | | 7072-77281-569xxxx |

PLUG to M12 Female



| Poles | Connector | Cable Type | Art. Number |
|-------|------------------------|------------|--------------------|
| 4 | MDC06-4S to M12 Female | Black PUR | 7072-77301-569xxxx |

FORM A VALVE to PLUG



| Poles | Cable Type | 24V | Art. Number |
|-------|------------|---------------|--------------------|
| 4 | Black PUR | LED & Supp | 7072-77721-754xxxx |
| | | Without Comp. | 7072-77731-754xxxx |

2x FORM A VALVE to PLUG



| Poles | Cable Type | Span (L) | Art. Number |
|-------|------------|-----------|--------------------|
| 4 | Black PUR | L = 110mm | 7072-77801-637xxxx |
| | | L = 150mm | 7072-77811-637xxxx |

Y-CABLE: OPEN ENDED



| Poles | Connector | Cable Type | Art. Number |
|-------|-----------|------------|--------------------|
| 4 | MDC06-4S | Black PUR | 7072-72191-754xxxx |

Y-CABLE: MDC



| Poles | Connector | Cable Type | Art. Number |
|-------|--------------------------|------------|--------------------|
| 4 | MDC06-4S to 2 x MDC06-2S | Black PUR | 7072-77501-754xxxx |
| 6 | MDC06-6S to 2 x MDC06-2S | | 7072-77601-754xxxx |

Y-CABLE: FORM A VALVE



| Poles | Connector | Cable Type | Art. Number |
|-------|------------------------|------------|--------------------|
| 6 | MDC06-6S to 2 x MSUD-A | Black PUR | 7072-77831-754xxxx |

Y-CABLE: M12 FEMALE



| Poles | Connector | Cable Type | Art. Number |
|-------|---------------------|------------|--------------------|
| 6 | MDC06-6S to 2 x M12 | Black PUR | 7072-77661-564xxxx |

xxxx = Length in Meters (m)

0150 = 1.5m

0300 = 3m

0500 = 5m

1000 = 10m

XTREME

Power for Extreme Environments

- For vehicle voltages from 12 - 32V
- IP66K/IP68 Rated - resistant to frequent high-pressure washes
- Suitable for high humidity & temperatures from -40 to +85°C
- Durable: can be exposed to hydraulic oil, diesel, gas & lubricants
- Shock and vibration resistant
- Stainless steel metal parts



MALE STRAIGHT



| Poles | Cable Color | Cable Type | Art. Number |
|-------|-------------|------------|--------------------|
| 4 | Black | PUR | 7072-12021-737xxxx |

FEMALE STRAIGHT



| Poles | Cable Color | Cable Type | Art. Number |
|-------|-------------|------------|--------------------|
| 4 | Black | PUR | 7072-12221-737xxxx |

MALE STR to FEMALE STR



| Poles | Cable Color | Cable Type | Art. Number |
|-------|-------------|------------|--------------------|
| 4 | Black | PUR | 7072-40021-737xxxx |

MALE 90° to FEMALE 90°

| Poles | Cable Color | Cable Type | Art. Number |
|-------|-------------|------------|--------------------|
| 4 | Black | PUR | 7072-40261-737xxxx |

xxxx = Length in Meters (m)

0150 = 1.5m

0300 = 3m

0500 = 5m

1000 = 10m