



Pushing Performance  
Since 1945

# UICIT\_PL 8\_KIT



Image is for illustration purposes only. Please refer to product description.

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 19 58 008 1031                                                                |
| Specification      | UICIT_PL 8_KIT                                                                |
| HARTING eCatalogue | <a href="https://harting.com/19580081031">https://harting.com/19580081031</a> |

## Identification

|                |                |
|----------------|----------------|
| Category       | Connector sets |
| Series         | HARTING UIC    |
| Identification | UIC IT         |
| Element        | Connector sets |

## Version

|                         |                                   |
|-------------------------|-----------------------------------|
| Termination method      | Crimp termination                 |
| Gender                  | Male                              |
| Number of contacts      | 8                                 |
| Number of cable entries | 1                                 |
| Cable entry             | 1x M32                            |
| Details                 | Crimp contacts enclosed separatly |
|                         | Module enclosed separatly         |
|                         | Cable clamp enclosed separatly    |

## Technical characteristics

|                               |                    |
|-------------------------------|--------------------|
| Conductor cross-section       | 0.08 ... 0.21 mm²  |
| Conductor cross-section [AWG] | AWG 28 ... AWG 24  |
| Rated current                 | 1 A                |
| Rated voltage                 | 50 V               |
| Insulation resistance         | >10 <sup>7</sup> Ω |
| Contact resistance            | ≤4 mΩ              |
| Limiting temperature          | -40 ... +90 °C     |
| Mating cycles                 | ≥10,000            |



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## Technical characteristics

|                                        |                             |
|----------------------------------------|-----------------------------|
| Degree of protection acc. to IEC 60529 | IP67 / IP69 mated condition |
|----------------------------------------|-----------------------------|

## Material properties

|                                           |                                          |
|-------------------------------------------|------------------------------------------|
| Material (insert)                         | Polyamide (PA)                           |
| Colour (insert)                           | Black                                    |
| Material (contacts)                       | Copper alloy                             |
| Surface (contacts)                        | Gold plated                              |
| Material (hood/housing)                   | Polyamide (PA)<br>Fibre-glass reinforced |
| Colour (hood/housing)                     | Black<br>RAL 6005 (moos green)           |
| Material (seal)                           | Silicone                                 |
| Material flammability class acc. to UL 94 | V-0                                      |

## Specifications and approvals

|                |                      |
|----------------|----------------------|
| Specifications | UIC 50558            |
|                | IRS 50558            |
|                | IEC 61373 Category 2 |
|                | IEC 60529            |

## Commercial data

|                                |                                   |
|--------------------------------|-----------------------------------|
| Packaging size                 | 1                                 |
| Net weight                     | 310 g                             |
| Country of origin              | India                             |
| European customs tariff number | 85366990                          |
| eCl@ss                         | 27440115 Circular connector (set) |
| ETIM                           | EC002635                          |
| UNSPSC 24.0                    | 39121413                          |