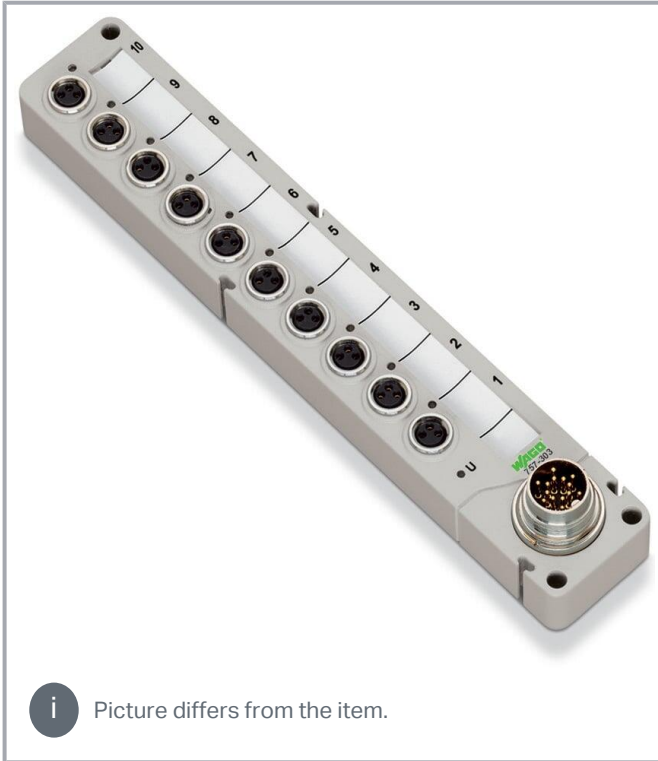


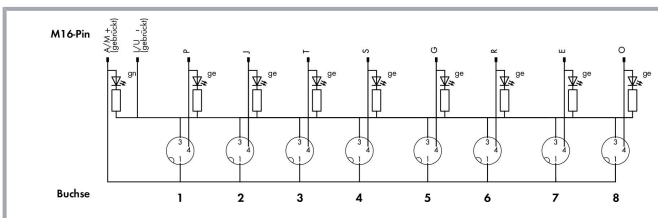
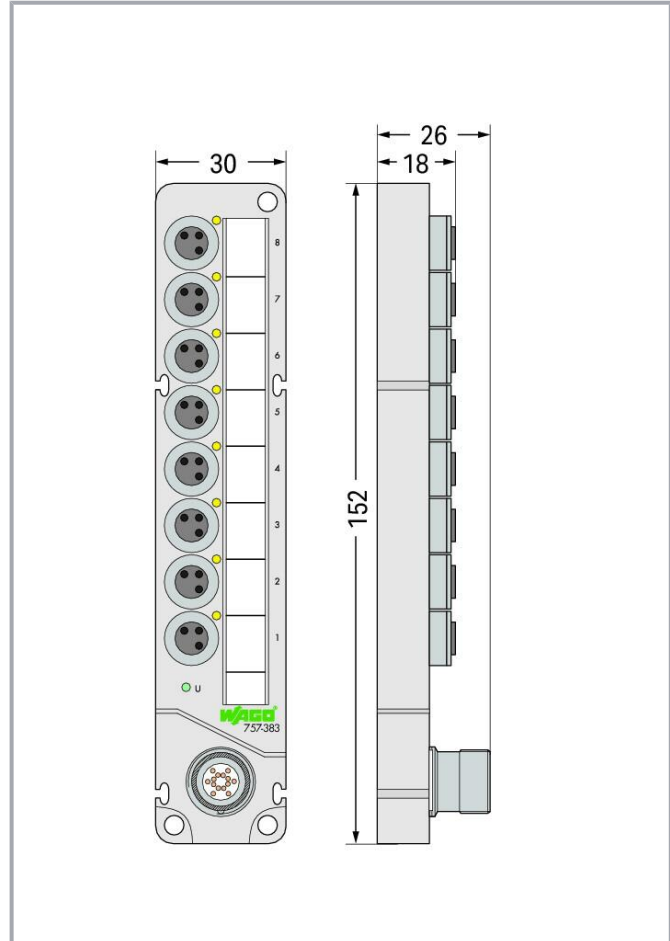
## Data sheet | Item number: 757-383

M8 sensor/actuator box; 8-way; 3-pole; M16 connector

[www.wago.com/757-383](http://www.wago.com/757-383)



 Picture differs from the item.



### Item description

- M8 sensor/actuator box, 8-way
- 3-pole (1 signal per contact)

Subject to changes. Please also observe the further product documentation!

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- M16 connector (14-pole)
- Green LED operating indicator
- Yellow LED status indicator
- incl. marking strips (WMB markers can also be used)
- incl. M8 protective caps (2 pcs)

## Data

### Technical data

|                                                |                                                                                         |
|------------------------------------------------|-----------------------------------------------------------------------------------------|
| Contact resistance (max.)                      | 0.01 $\Omega$                                                                           |
| Supply voltage                                 | 10 ... 30 VDC; Rated voltage: 32 V ~ rms                                                |
| Current carrying capacity (signal connections) | 2 A                                                                                     |
| Current carrying capacity (supply connections) | 6 A                                                                                     |
| Rated value of electrical isolation            | 500 V                                                                                   |
| Functionally separated potential groups        | Kontakt/Kontakt                                                                         |
| Insulation resistance                          | $>10^9 \Omega$                                                                          |
| Signal characteristics                         | PNP                                                                                     |
| Indicators                                     | LED yellow: Signal status (1 x per contact); LED (U) green: Sensor /actuator box status |

### Connection data

|                                       |                       |
|---------------------------------------|-----------------------|
| Connection technology: inputs/outputs | 8 x M8 socket; 3-pole |
| Connection technology: trunk cable    | 1 x M16 plug; 14-pole |

### Physical data

|        |                       |
|--------|-----------------------|
| Width  | 30 mm / 1.181 inches  |
| Height | 26 mm / 1.024 inches  |
| Depth  | 152 mm / 5.984 inches |

### Mechanical Data

|               |                |
|---------------|----------------|
| Mounting type | Screw mounting |
| Weight        | 141 g          |

### Material data

|                                        |                                                                                                                                           |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Housing material                       | PA 66 (UL 94 V0); RAL 7035; silicon and halogen free                                                                                      |
| Material properties of the connections | Contact: CuSn, nickel base-coat plating and 0.8 $\mu$ m gold-plated;<br>Threaded bush: die-cast Zn, nickel-plated; Seal: Viton; 50 mating |

Subject to changes. Please also observe the further product documentation!



|               |                                                      |
|---------------|------------------------------------------------------|
|               | cycles                                               |
| Encapsulation | Fully encapsulated with conformal coating (UL 94 V0) |

## Environmental requirements

|                                 |                                                                                       |
|---------------------------------|---------------------------------------------------------------------------------------|
| Ambient temperature (operation) | -25 ... +80 °C                                                                        |
| Protection type                 | IP67                                                                                  |
| Note on protection type         | per EN 60529 (NEMA 6 & 6P) in fully locked position with its plugs or protective caps |
| Pollution degree                | 3 per VDE 0110                                                                        |
| Vibration resistance            | per IEC 60068-2-6                                                                     |
| Shock resistance                | per IEC 60068-2-27                                                                    |

## Commercial data

|                       |                                  |
|-----------------------|----------------------------------|
| Product Group         | 23 (I/O passive and accessories) |
| eCl@ss 10.0           | 27-44-01-11                      |
| eCl@ss 9.0            | 27-44-01-08                      |
| ETIM 8.0              | EC003558                         |
| ETIM 7.0              | EC002585                         |
| Recupel Type          |                                  |
| PU (SPU)              | 1 pcs                            |
| Packaging type        | box                              |
| Country of origin     | DE                               |
| GTIN                  | 4044918978699                    |
| Customs tariff number | 85366990990                      |

## Environmental Product Compliance

|                                           |                                       |
|-------------------------------------------|---------------------------------------|
| CAS-No.                                   | 7439-92-1                             |
| REACH Candidate List Substance            | Lead                                  |
| RoHS Compliance Status                    | Compliant, With Exemption             |
| RoHS Exemption                            | 6(c)                                  |
| SCIP notification number (Austria)        | 93f172a8-21e0-4301-9fb3-aaeb0cb95761  |
| SCIP notification number (Belgium)        | ea4425fe-333e-45eb-9ec6-9ded6a7223bc  |
| SCIP notification number (Bulgaria)       | c8eda647-26e9-47ee-bda2-e008ebbcecc58 |
| SCIP notification number (Czech Republic) | 7a416f2a-cd42-4d1b-9c91-2716bc306cce  |
| SCIP notification number (Denmark)        | 81a866d5-8c15-440a-8142-7f97d006e86b  |
| SCIP notification number (Finland)        | 3016e444-3bd3-44f6-b840-d338eac13597  |
| SCIP notification number (France)         | 879b8b3e-3171-4789-a4c6-7fa40158cea6  |

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|                                        |                                      |
|----------------------------------------|--------------------------------------|
| SCIP notification number (Germany)     | 7587f86a-5e83-4723-bf2d-f3d608d6a37b |
| SCIP notification number (Hungary)     | 04fbc13b-89c9-4e5c-a2d3-4e0154bcda7b |
| SCIP notification number (Italy)       | 41a4560e-9178-402f-a068-a0e2081cc653 |
| SCIP notification number (Netherlands) | 54b9903b-b1be-494b-9c1d-bfd9ff9d8368 |
| SCIP notification number (Poland)      | 421b7591-98d0-44d9-bed5-4c02bc245622 |
| SCIP notification number (Romania)     | 081173c6-d21e-4925-83f9-a46729116242 |
| SCIP notification number (Sweden)      | 5a757ef5-ca24-4895-a883-0816184759de |

## Approvals / Certificates

### General approvals

| Logo                                                                             | Approval                                                 | Additional Approval Text | Certificate name |
|----------------------------------------------------------------------------------|----------------------------------------------------------|--------------------------|------------------|
|  | UL<br>UL International Germany GmbH (ORDINARY LOCATIONS) | UL 508                   | E175199<br>Sec.5 |

## Optional accessories

### Cables and pluggable connectors

|                                                                                    |                                                                       |  |                                                                                  |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------|--|----------------------------------------------------------------------------------|
| Interconnecting cable                                                              |                                                                       |  |                                                                                  |
|  | Item no.: 756-3206/140-050<br>Connecting cable; 14-pole; Length: 5 m  |  | <a href="http://www.wago.com/756-3206/140-050">www.wago.com/756-3206/140-050</a> |
|  | Item no.: 756-3205/140-150<br>Connecting cable; 14-pole; Length: 15 m |  | <a href="http://www.wago.com/756-3205/140-150">www.wago.com/756-3205/140-150</a> |
|  | Item no.: 756-3206/140-100<br>Connecting cable; 14-pole; Length: 10 m |  | <a href="http://www.wago.com/756-3206/140-100">www.wago.com/756-3206/140-100</a> |
|  | Item no.: 756-3206/140-150<br>Connecting cable; 14-pole; Length: 15 m |  | <a href="http://www.wago.com/756-3206/140-150">www.wago.com/756-3206/140-150</a> |
|  | Item no.: 756-3205/140-100<br>Connecting cable; 14-pole; Length: 10 m |  | <a href="http://www.wago.com/756-3205/140-100">www.wago.com/756-3205/140-100</a> |
|  | Item no.: 756-3205/140-050<br>Connecting cable; 14-pole; Length: 5 m  |  | <a href="http://www.wago.com/756-3205/140-050">www.wago.com/756-3205/140-050</a> |

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## Mounting

Intermediate plate



Item no.: 757-080

Spacer module for sensor/actuator box; 8-way

[www.wago.com/757-080](http://www.wago.com/757-080)

## Cover

Cover



Item no.: 756-8101

M8 protective cap; for unused sockets

[www.wago.com/756-8101](http://www.wago.com/756-8101)

## Marking accessories

Marking strip



Item no.: 757-081

Marking strips; cut to a defined length; not stretchable; plain; snap-on type

[www.wago.com/757-081](http://www.wago.com/757-081)

Marking device



Item no.: 210-110

Fiber-tip pen

[www.wago.com/210-110](http://www.wago.com/210-110)

## Downloads

### Documentation

#### Additional Information

|                                                           |             |        |          |
|-----------------------------------------------------------|-------------|--------|----------|
| Disposal and Recycling                                    | V 1.1.0     | pdf    | Download |
| Electrical and electronic equipment, Batteries, Packaging | 2022 Aug 18 | 2.2 MB |          |

#### System Description

|                                                     |          |          |
|-----------------------------------------------------|----------|----------|
| Sensor/Actuator Boxes – General Product Information | pdf      | Download |
|                                                     | 438.6 kB |          |

## CAD/CAE-Data

### CAD data

|                      |     |          |
|----------------------|-----|----------|
| 2D/3D Models 757-383 | URL | Download |
|----------------------|-----|----------|

### CAE data

|                           |     |          |
|---------------------------|-----|----------|
| EPLAN Data Portal 757-383 | URL | Download |
|---------------------------|-----|----------|

|                        |     |          |
|------------------------|-----|----------|
| WSCAD Universe 757-383 | URL | Download |
|------------------------|-----|----------|

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|                      |     |          |
|----------------------|-----|----------|
| ZUKEN Portal 757-383 | URL | Download |
|----------------------|-----|----------|

Asset Administration Shell

|                                    |     |          |
|------------------------------------|-----|----------|
| Asset Administration Shell 757-383 | URL | Download |
|------------------------------------|-----|----------|

Environmental Product Compliance

Compliance Search

|                                                      |     |          |
|------------------------------------------------------|-----|----------|
| Environmental Product Compliance 757-383             | URL | Download |
| M8 sensor/actuator box; 8-way; 3-pole; M16 connector |     |          |

Installation Notes

Subject to changes. Please also observe the further product documentation!