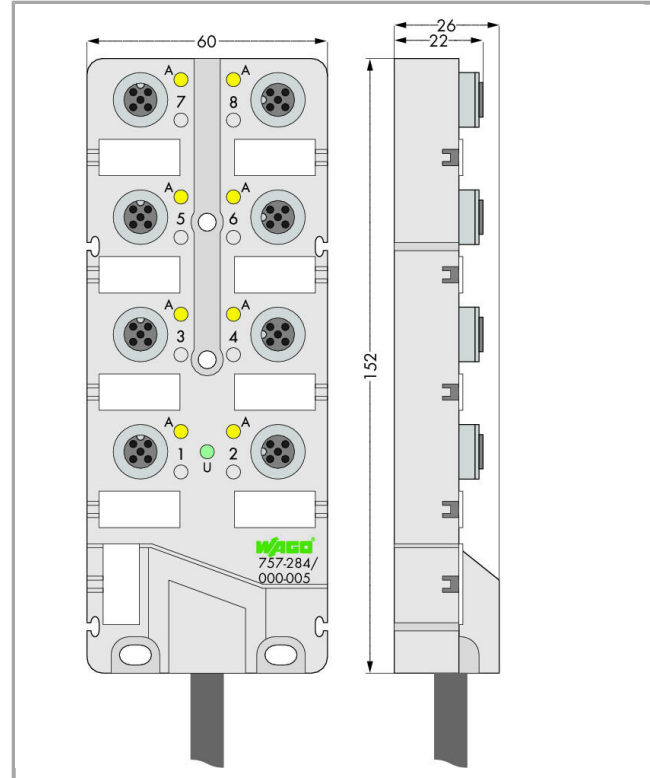
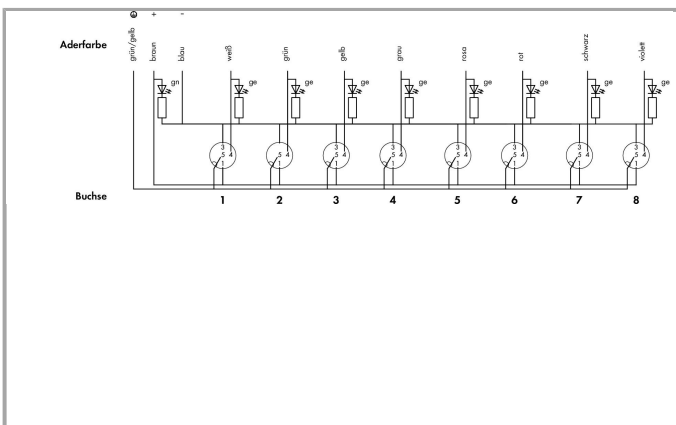


757-284/000-005



RoHS Compliant



Item description

- M12 sensor/actuator box, 8-way
- 4-pole (1 signal per contact)
- Cable length 5m, 10m and 25 m

- Green LED operating indicator
- Yellow LED status indicator
- incl. tag labels (10 pcs)
- incl. M12 protective caps (2 pcs)

Data

Technical Data

| | |
|---|---|
| Contact resistance max. | 0.01 Ω |
| Supply voltage | DC 10 ... 30 V; Bemessungsspannung: 32 V ~ eff. |
| Current carrying capacity of the signal connections | 2 A |
| Current carrying capacity of the supply connections | 9 A |
| Bemessungswert der galvanischen Trennung | 500 V |
| Funktional getrennte Potentialgruppen | Kontakt/Kontakt |
| Insulation resistance | 1000 M Ω |
| Signal characteristic | PNP |
| Indicators | LED (A) yellow: Signal status (1 x per contact); LED (U) green: Sensor /actuator box status |

Connection data

| | |
|------------------------------------|--|
| Connection technology: In-/Outputs | 8 x M12 connectors, 4 poles, incl. PE |
| Connection technology: trunk cable | 1 x feste Anschlussleitung |
| Length of the connecting cable | 5 m |
| Strip length | 100 mm / 3.94 inch |
| Colors of the leads | white, green, yellow, gray, pink, red, black, purple, green/yellow, brown, blue |
| Conductor cross section | Cross section of single conductor: 0.34 mm ² ; Cross section of single conductor (2): 1 mm ² |

Geometrical Data

| | |
|--------|---------------------|
| Width | 60 mm / 2.362 inch |
| Height | 26 mm / 1.024 inch |
| Depth | 152 mm / 5.984 inch |

Mechanical data

| | |
|---------------|----------------|
| Mounting type | Screw mounting |
|---------------|----------------|

Material Data

| | |
|-------------------------------|--|
| Housing material | PA 66 (UL 94 V0); RAL 7035; silicon and halogen free |
| Halogen-free | Yes |
| Durchmesser der Mantelleitung | 8.2 mm |

| | |
|--------------------------------------|---|
| bending radius | min. 10 x cable Ø |
| Materialeigenschaften der Anschlüsse | Contact: CuSn, pre-nickeled and 0.8 µm gold-plated; Tapped bush: Zn diecast nickel-plated; Seal: Viton; Connection cycles: 50 |
| Sheath material | PUR |
| Color of sheathed cable | black |
| Potting | Fully encapsulated with conformal coating (UL 94 V0) |

Environmental Requirements


| | |
|---|------------------------|
| Surrounding air (operating) temperature | -25 ... 80 °C |
| Umgebungstemperatur (Betrieb) bewegt | -5 ... +80 °C |
| Umgebungstemperatur (Betrieb) ruhend | -40 ... +80 °C |
| Protection class | IP68 |
| Degree of pollution (5) | 3 acc. to VDE 0110 |
| Vibration resistance | acc. to IEC 60068-2-6 |
| Shock resistance | acc. to IEC 60068-2-27 |

Commercial data

| | |
|--------------------|---------------|
| Country of origin | DE |
| GTIN | 4045454028466 |
| Customs Tariff No. | 85366990990 |

Approvals / Certificates

UL-Approvals

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

Compatible products

General accessories

| | | |
|--|---|----------|
|  | Item no.: 756-8102 M12 protective cap; for unused sockets | 756-8102 |
|  | Item no.: 757-080 Spacer module for sensor/actuator box; 8-way | 757-080 |

Marking accessories

| | | |
|--|------------------------------------|---------|
|  | Item no.: 210-110 Fiber-tip pen | 210-110 |
|--|------------------------------------|---------|



Item no.: 757-011
Marker card; not stretchable; snap-on type

757-011

Downloads

Documentation

Additional Information

| | | | |
|--|---------|-----------------|----------|
| Disposal; Electrical and electronic equipment, Packaging | V 1.0.0 | pdf 265.8 kB | Download |
|--|---------|-----------------|----------|

System Description

| | | | |
|---|--|-----------------|----------|
| Sensor/Actuator Boxes – General Product Information | | pdf 537.3 kB | Download |
|---|--|-----------------|----------|

CAD/CAE - Smart Data

CAD data

| | | | |
|-----------------------------|--|-----|----------|
| 3D Download 757-284/000-005 | | URL | Download |
|-----------------------------|--|-----|----------|

Subject to changes.
