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| 21700623 | DATA SHEET |  |
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Product description

- Field mountable cable coupler class F_A for 8 wire cables
- to repair / extend / relocate data cables up to Cat. 7_A
- suitable for industrial applications
- Robust and consistent against vibration
- No special tools needed



General properties

| | |
|--|-------------------|
| Ambient temperature | -40 to +85 °C |
| Protection degree | IP 67 |
| Termination type | IDC |
| Outer diameter, cable | 5.0 – 9.7 mm |
| Outer diameter, wire | 0.85 – 1.6 mm |
| Termination cross section, stranded, 7 wires | AWG26/7 – AWG22/7 |
| Termination cross section, solid | AWG26/1 – AWG22/1 |
| Pollution degree | 1 |

Electrical properties

| | |
|-----------------------------------|----------|
| Rated voltage | 48 V |
| Current carrying capacity at 40°C | 0.5 A |
| Insulating resistance | ≥ 100 MΩ |

Transmission properties

| | |
|---|---------------|
| Suitable for 10 Gigabit Ethernet acc. to IEEE 802.3an | yes |
| Class F _A | ISO/IEC 11801 |


Materials

| | |
|----------------------------------|---------------|
| Connector housing, base material | die-cast zinc |
| Connector housing, surface | Ni |
| Contacts, surface | Sn |

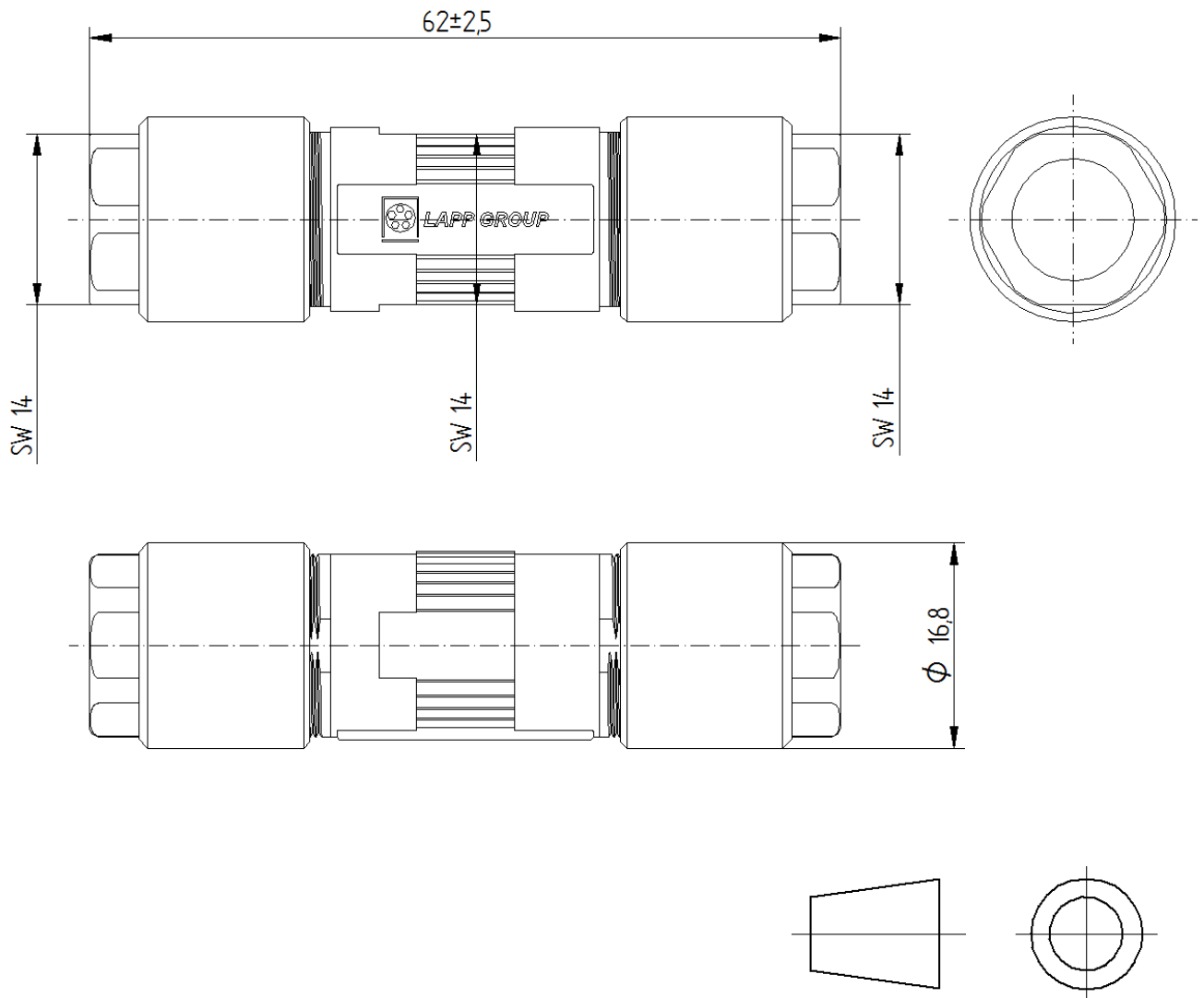
Approvals

| | |
|-------------------|---------|
| UL listed, E-File | E353543 |
|-------------------|---------|

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Drawings



Application range

Automation, industrial machinery and plant engineering

Note

Photographs are not true to scale and do not represent detailed images of the respective products.

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