

# HARTING Industrial Ethernet Solutions



## IP67 PUSH-PULL HYBRID DATA & POWER CONNECTORS

- Combines Power & Ethernet in one connector
- Push Pull according to IEC 61 076-3-106 variant 4
- Protection Level: IP67
- Suitable for all Ethernet variants
- No of Contacts: Data, 4; Power, 3

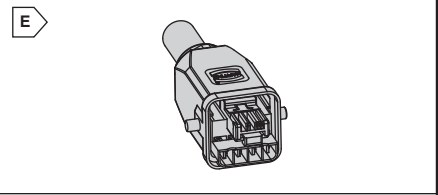
- Termination: Solder Pins
- Power: 32VDC; 5A
- High Packing Density (same as M12)
- Temperature range: -25°C to +70°C
- Housing material: Black polyamide, UL94V-0 rated



RoHS Compliant

For quantities of 25 and up, call for quote.

| MOUSER STOCK NO.                | HARTING Part No. | Fig. | Description   | Price Each |       |       |
|---------------------------------|------------------|------|---|------------|-------|-------|
|                                 |                  |      |   | 1          | 5     | 10    |
| <a href="#">617-09451451300</a> | 09 45 145 1300   | A    | Cable Mount Plug  | 18.82      | 16.22 | 15.18 |
| <a href="#">617-09452451300</a> | 09 45 245 1300   | ---  | Panel feed through for PCB Mounting                           | 14.44      | 12.45 | 11.65 |
| <a href="#">617-09452451320</a> | 09 45 245 1320   | B    | Panel feed through; RJ45 Data Jack & Terminal Block for Power | 30.94      | 26.67 | 24.95 |
| <a href="#">617-09455451300</a> | 09 45 545 1300   | C    | Female PCB Mount (Insert Only)                                | 6.64       | 5.72  | 5.35  |
| <a href="#">617-09455451320</a> | 09 45 545 1320   | D    | Plastic Housing (For use with PCB insert)                     | 11.58      | 9.98  | 9.34  |



## IP67 HYBRID CONNECTORS

- Mating interface: RJ 45 in accordance with IEC 60603-7, plus 4 x power supply
- Data and power integrated into one connector for hybrid ethernet networks
- Mating cycles: 500 min
- Cable plug: Wire gauge: 22-24 AWG stranded 22-23 AWG solid

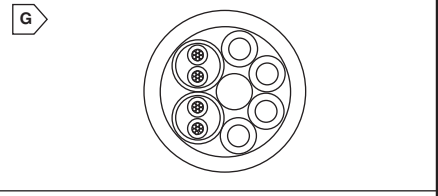
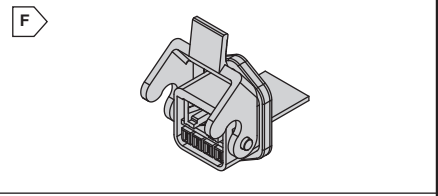
- Panel Feed Through: Panel cut out: 22 x 22mm
- Protection level: IP67
- Temperature range: -40°C to +70°C
- Working voltage power supply: 48 V
- Housing material: Black polyamide, UL94V-0 rated
- RoHS compliant per HARTING documentation



RoHS Compliant

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| MOUSER STOCK NO.                   | HARTING Part No. | Fig. | Description   | Price Each |       |       |
|------------------------------------|------------------|------|---|------------|-------|-------|
|                                    |                  |      |   | 1          | 5     | 10    |
| <a href="#">617-09-45-125-1300</a> | 09 45 125 1300   | E    | Cable Plug, straight with plastic cable gland               | 23.42      | 21.63 | 20.08 |
| <a href="#">617-09-45-225-1300</a> | 09 45 225 1300   | F    | Panel Feed Through, internal RJ 45 jack IP20 and cage clamp | 33.80      | 30.99 | 28.60 |



## HYBRID DATA & POWER CABLE

- Suitable for PROFInet® Applications
- Fire retardant, non-corrosive jacket
- Cabling standard in acc. w/ ISO/IEC 11 801: Category 5
- Service Temperature: -20° C to +70°C

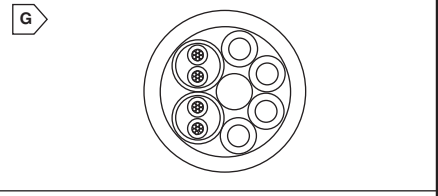
- Sheath: FRNC green, Ø 10.3mm
- Use with Hybrid parts above
- RoHS compliant per HARTING documentation
- For flexible installation



RoHS Compliant

For quantities larger than listed, call for quote.

| MOUSER STOCK NO.                   | HARTING Part No. | Fig. | Description   | Price Each |
|------------------------------------|------------------|------|---|------------|
| <a href="#">617-09-45-600-0300</a> | 09 45 600 0300   | G    | 2x 22AWG Twisted Pairs; 4x 16AWG Power; 100M Cable Ring | 1069.13    |



## IP67 RJ45 PUSH PULL CONNECTORS

- Mating interface: RJ 45 in accordance with IEC 60603-7
- Mating cycles: 750 min
- Protection level: IP67
- Temperature range: -40°C to +70°C
- Housing material: Black polyamide, UL94V-0 rated

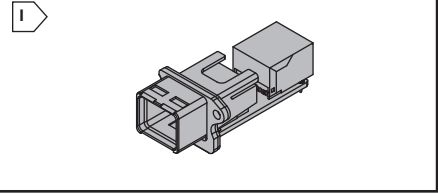
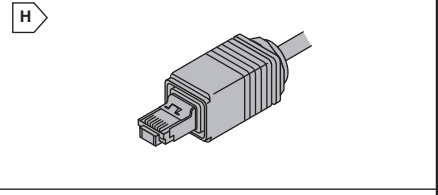
- Cat 5 Data Plug utilizes IDC Termination
- Cat 6 Data Plug utilizes Crimp Termination
- Wire gauge: Cat5 Plug 22-24 AWG; Cat6 Plug 24-26 AWG
- Panel feed through: Panel cut out: 21 x 27 mm
- RoHS compliant per HARTING documentation



RoHS Compliant

For quantities of 25 and up, call for quote.

| MOUSER STOCK NO.                   | HARTING Part No. | Fig. | Description  | Price Each |       |       |
|------------------------------------|------------------|------|--|------------|-------|-------|
|                                    |                  |      |  | 1          | 5     | 10    |
| <a href="#">617-09-45-145-1500</a> | 09 45 145 1500   | H    | Cat 6 Cable Plug; straight with plastic cable glands; 8 pole | 16.06      | 14.61 | 14.11 |
| <a href="#">617-09-45-145-1100</a> | 09 45 145 1100   | H    | Cat 5 Cable Plug; straight with plastic cable gland; 4 pole  | 14.65      | 13.24 | 12.55 |
| <a href="#">617-09-45-245-1102</a> | 09 45 245 1102   | I    | Panel Feed through, data only, internal RJ 45 jack           | 14.55      | 13.33 | 12.31 |



## Crimp Tool

For quantities larger than listed, call for quote.

| MOUSER STOCK NO.                   | HARTING Part No. | Fig. | Description                              | Price Each |
|------------------------------------|------------------|------|--|------------|
| <a href="#">617-09-45-800-0500</a> | 09 45 800 0500   | ---  | Crimp Tool for 8 pole (4 pair) connector | 345.19     |



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