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# Panel feed through, Industrial Ethernet, M12x1 - RJ 45, shielded
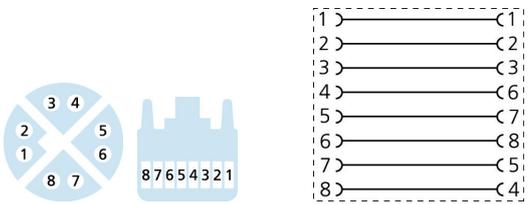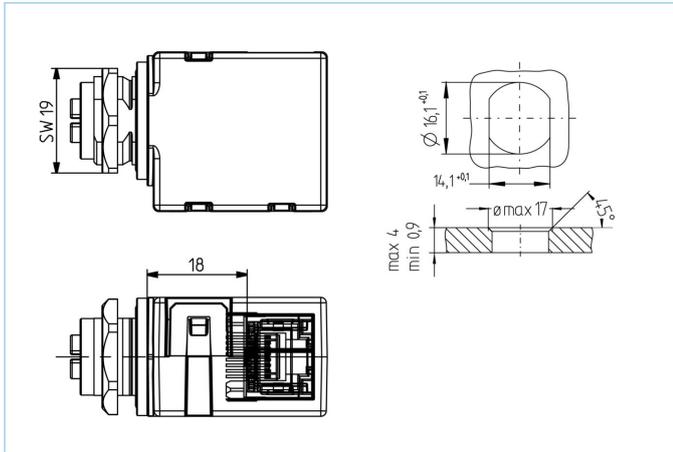
## Product data

| | |
|---|---|
| Item description | IE-WFKFDSX8-RJ45KS |
| Item-No. | 8055774 |
| Customs tariff-No. | 85366990 |
| Step-File | IE-WFKFDSX8-RJ45KS.stp |
| EAN | 4047106140991 |

## Technical data

| | A-side | B-side |
|---|---|---|
| Connector | female, angled, M12x1 | female, straight, RJ45 |
| Number of pins | 8 | 8 |
| Coding of | X | |
| Rated voltage | 50$V_{AC}$ \| 60$V_{DC}$ | 50$V_{AC}$ \| 60$V_{DC}$ |
| Current load (at 40°C) | 0.5A | 0.5A |
| Insulation resistance | ≥$10^8$Ω | ≥$10^8$Ω |
| Transmission features | Cat6A | Cat6A |
| Ambient temperature product | -25°C...+85°C | -25°C...+85°C |
| Contact material | Metal, CuZn, gold-plated | Metal, CuSn, gold-plated |
| Contact-carrier material | Plastic, PA, GN | Plastic, PA, BK |
| Shielding | Yes | Yes |
| Wall thickness area (Δh) | 0,9...4,0 mm | |
| Standards | IEC 61076-2-109 | IEC 60603-7-51 |
| Degree of protection (mounted) | IP67 | IP20 |
| Mechanical life-cycle | >100 mating cycles | >100 mating cycles |
| Degree of pollution | 2 | 2 |

## Advanced technical data rail approved

| | |
|---|---|
| Standards | DIN EN 50155, DIN EN 45545-2 |
| Shock & vibration | Class 1, Category B (DIN EN 61373) |
| Degree of protection (mounted) | IP67 (-30°C...+90°C), IP65 (-40°C...+90°C), IP20 (RJ45) |
| Temperature range | Tx (-40°C...+90°C) |
| Fire prevention according to | DIN EN 45545-2 HL1-3 |

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| Classification | |
|---|---|
| eCl@ss 6.0 | 27279201 |
| eCl@ss 7.0 | 27279201 |
| eCl@ss 8.0 | 27279201 |
| eCl@ss 9.0 | 27440106 |
| ETIM 5.0 | EC002062 |
| ETIM 6.0 | EC002925 |