



Pushing Performance  
Since 1945

# M8 PFT straight 0,5m



Image is for illustration purposes only. Please refer to product description.

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| Part number        | 21 02 357 6305                                                                        |
| Specification      | M8 PFT straight 0,5m                                                                  |
| HARTING eCatalogue | <a href="https://b2b.harting.com/21023576305">https://b2b.harting.com/21023576305</a> |

## Identification

|               |                                       |
|---------------|---------------------------------------|
| Category      | Connectors                            |
| Series        | Circular connectors M8                |
| Element       | Panel feed through                    |
| Specification | With conductors<br>for front mounting |

## Version

|                    |               |
|--------------------|---------------|
| Gender             | Female        |
| Shielding          | Unshielded    |
| Number of contacts | 3             |
| Coding             | A-coding      |
| Locking type       | Screw locking |

## Technical characteristics

|                         |                      |
|-------------------------|----------------------|
| Conductor cross-section | 0.25 mm <sup>2</sup> |
| Conductor cross-section | AWG 24               |
| Rated current           | 3 A                  |
| Rated voltage           | 50 V                 |
| Rated impulse voltage   | 1.5 kV               |
| Pollution degree        | 3                    |
| Overvoltage category    | III                  |
| Insulation resistance   | >10 <sup>8</sup> Ω   |
| Contact resistance      | ≤10 mΩ               |



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## Technical characteristics

|                                        |                 |
|----------------------------------------|-----------------|
| Tightening torque                      | 0.8 Nm Lock nut |
| Limiting temperature                   | -30 ... +80 °C  |
| Mating cycles                          | ≥100            |
| Degree of protection acc. to IEC 60529 | IP67            |
| Isolation group                        | I (600 ≤ CTI)   |
| Conductor length                       | 50 cm           |

## Material properties

|                                      |                                                        |
|--------------------------------------|--------------------------------------------------------|
| Material (insert)                    | Thermoplastic polyurethane (TPU)                       |
| Material (contacts)                  | Brass                                                  |
| Surface (contacts)                   | Au over Ni Mating side                                 |
| Material (hood/housing)              | Copper-zinc alloy                                      |
| RoHS                                 | compliant with exemption                               |
| RoHS exemptions                      | 6(c): Copper alloy containing up to 4 % lead by weight |
| ELV status                           | compliant with exemption                               |
| China RoHS                           | 50                                                     |
| REACH Annex XVII substances          | Not contained                                          |
| REACH ANNEX XIV substances           | Not contained                                          |
| REACH SVHC substances                | Yes                                                    |
| REACH SVHC substances                | Lead                                                   |
| ECHA SCIP number                     | 0d7d3693-d625-47ab-934a-d241bf72c86e                   |
| California Proposition 65 substances | Yes                                                    |
| California Proposition 65 substances | Lead<br>Nickel                                         |

## Specifications and approvals

|                |                                                            |
|----------------|------------------------------------------------------------|
| Specifications | IEC 61076-2-104                                            |
| UL / CSA       | UL 2238 CYJV2.E302521<br>CSA-C22.2 No. 182.3 CYJV8.E302521 |
| CE             | Yes                                                        |

## Commercial data

|                   |          |
|-------------------|----------|
| Packaging size    | 1        |
| Net weight        | 12.886 g |
| Country of origin | Czechia  |



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Commercial data

|                                |                                                                     |
|--------------------------------|---------------------------------------------------------------------|
| European customs tariff number | 85444290                                                            |
| GTIN                           | 5713140136977                                                       |
| eCl@ss                         | 27440103 Sensor-actuator connector chassis (sensor technology acc.) |