

Event marker

PXV-CM25-004-004-SET



- High chemical resistance
- Low weight
- Self-adhesive mounting
- High temperature resistance
- High mechanical stability

Event markers for the PXV system

Dimensions



Technical Data

Release date: 2023-06-22 Date of issue: 2023-06-22 Filename: 299653-100005_eng.pdf

General specifications

| | |
|---------------------|-----------------------------|
| Start marker number | 4 |
| Number | 4 |
| Length | 1 m per event marker number |
| Width | 25 mm (1 row version) |

Ambient conditions

| | |
|--------------------------|---|
| Operating temperature | -40 ... 100 °C (-40 ... 212 °F) |
| Installation temperature | 10 ... 40 °C (50 ... 104 °F) |
| Environmental resistance | UV radiation Humidity Salt spray (150 h / 5%) |

| | |
|---------------------|---|
| Chemical resistance | Oils Grease Fuels Aliphatic solvents Weak acids |
|---------------------|---|

Mechanical specifications

| | |
|--------------------|--------------------|
| Material thickness | 150 µm |
| Material | polyester laminate |

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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 PEPPERL+FUCHS

Technical Data

| | |
|-------------------------|--|
| Surface | polyester , matte |
| Mass | 6.3 g / m |
| Tensile strength | ≥ 150 N |
| Manufacturing tolerance | ± 1 mm/m |
| Adhesive | Acrylate-based adhesive ; curing 72 h |
| Adhesive strength | Average values (FTM2) Aluminum : 24 N / 25 mm High grade stainless steel : 25 N / 25 mm ABS : 22 N / 25 mm PP : 18 N / 25 mm HD-PE : 12 N / 25 mm LD-PE : 12 N / 25 mm |

Additional Information

Example for order information

Event markers from **150** to **199** are required. The order is placed using the start number for the number range and the end number for the number range.

This results in the order designation **PCV-CM20-150-050-SET**. The number **50** in the order designation represents the number of event marker strips each measuring 1 m. The number **150** in the order designation represents the start number.

NOTE: Event marker numbers from 1 ... 999 can be ordered as required. In this example, the delivery consists of 50 event marker strips, each measuring 1 m long. The event marker code tape is 1-meter long and can also be shortened if required. Please note that depending on the travel speed and the measuring rate of the read head, the event marker code tape must have a minimum length to be detected reliably.

Type Code

Structure of the type code (Ordering information)

| | | | | | | | | | | | | | | | | | | | |
|--------------------|--|---|---|---|---|---|---|---|-----|-----|-----|---|-----|-----|-----|---|---|---|---|
| P | X | V | - | C | M | 2 | 5 | - | (1) | (1) | (1) | - | (2) | (2) | (2) | - | S | E | T |
| PXV | Sensor Type | | | | | | | | | | | | | | | | | | |
| PXV | Data Matrix positioning system (PXV) | | | | | | | | | | | | | | | | | | |
| CM | Code type | | | | | | | | | | | | | | | | | | |
| C | Data Matrix ECC200, Symbol size 12x12 | | | | | | | | | | | | | | | | | | |
| M | Event marker tape | | | | | | | | | | | | | | | | | | |
| 25 | Width of the marker tape | | | | | | | | | | | | | | | | | | |
| 25 | 25 mm | | | | | | | | | | | | | | | | | | |
| (1) (1) (1) | Start marker number | | | | | | | | | | | | | | | | | | |
| 001 ... 999 | Event marker start number | | | | | | | | | | | | | | | | | | |
| (2) (2) (2) | Number | | | | | | | | | | | | | | | | | | |
| 001 ... 999 | Number of event marker strips of 1 m each. | | | | | | | | | | | | | | | | | | |