



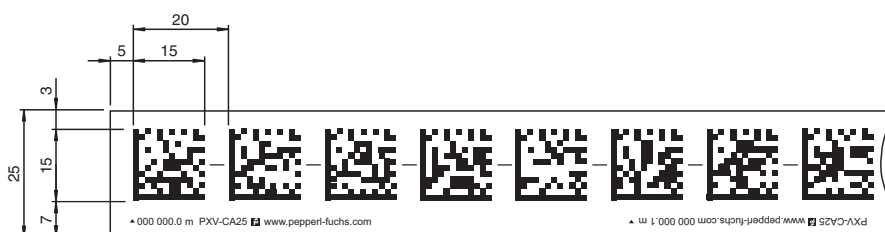
## Code tape

### PXV000020M-CA25-000000

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

## Data Matrix code tape

## Dimensions



## Technical Data

### General specifications

|                   |                                                      |
|-------------------|------------------------------------------------------|
| Start position    | 0 m                                                  |
| Length            | 20 m                                                 |
| Width             | 25 mm (1 row version)                                |
| External diameter | max. 180 mm<br>(with max. code tape length of 100 m) |
| Inside diameter   | 76 mm ( role core )                                  |

### Ambient conditions

|                          |                                                             |
|--------------------------|-------------------------------------------------------------|
| Operating temperature    | -40 ... 100 °C (-40 ... 212 °F)                             |
| Installation temperature | 10 ... 40 °C (50 ... 104 °F)                                |
| Environmental resistance | UV radiation<br>Humidity<br>Salt spray (150 h / 5%)         |
| Chemical resistance      | Oils<br>Grease<br>Fuels<br>Aliphatic solvents<br>Weak acids |

### Mechanical specifications

|                         |                                                  |
|-------------------------|--------------------------------------------------|
| Material thickness      | 150 µm                                           |
| Material                | polyester laminate                               |
| Surface                 | polyester , matte                                |
| Mass                    | 6.3 g / m                                        |
| Tensile strength        | ≥ 150 N                                          |
| Manufacturing tolerance | ± 1 mm/m                                         |
| Storage                 | Maximum 2 years under normal storage conditions. |
| Adhesive                | Acrylate-based adhesive ; curing 72 h            |

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

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**PEPPERL+FUCHS**

Technical Data

|                   |                                                                                                                                                                                          |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Adhesive strength | Average values (FTM2)<br>Aluminum : 24 N / 25 mm<br>High grade stainless steel : 25 N / 25 mm<br>ABS : 22 N / 25 mm<br>PP : 18 N / 25 mm<br>HD-PE : 12 N / 25 mm<br>LD-PE : 12 N / 25 mm |
| Note              | Max. code tape length of 100 m per roll                                                                                                                                                  |

Type Code

Structure of the type code  
(Ordering information)

|                         |   |                                         |     |     |     |     |     |     |   |   |   |   |   |   |   |     |     |     |     |     |     |
|-------------------------|---|-----------------------------------------|-----|-----|-----|-----|-----|-----|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|
| P                       | X | V                                       | (1) | (1) | (1) | (1) | (1) | (1) | M | - | C | A | 2 | 5 | - | (2) | (2) | (2) | (2) | (2) | (2) |
| PXV                     |   | Sensor Type                             |     |     |     |     |     |     |   |   |   |   |   |   |   |     |     |     |     |     |     |
| PXV                     |   | Data Matrix positioning system (PXV)    |     |     |     |     |     |     |   |   |   |   |   |   |   |     |     |     |     |     |     |
| (1) (1) (1) (1) (1) (1) |   | Length of the code tape                 |     |     |     |     |     |     |   |   |   |   |   |   |   |     |     |     |     |     |     |
| 1 ... 100000            |   | Total length of the code tape in m      |     |     |     |     |     |     |   |   |   |   |   |   |   |     |     |     |     |     |     |
| M                       |   | Length unit                             |     |     |     |     |     |     |   |   |   |   |   |   |   |     |     |     |     |     |     |
| M                       |   | Meter                                   |     |     |     |     |     |     |   |   |   |   |   |   |   |     |     |     |     |     |     |
| CA                      |   | Code type                               |     |     |     |     |     |     |   |   |   |   |   |   |   |     |     |     |     |     |     |
| C                       |   | Data Matrix ECC200, Symbol size 12x12   |     |     |     |     |     |     |   |   |   |   |   |   |   |     |     |     |     |     |     |
| A                       |   | Absolute tape                           |     |     |     |     |     |     |   |   |   |   |   |   |   |     |     |     |     |     |     |
| 25                      |   | Width of the code tape                  |     |     |     |     |     |     |   |   |   |   |   |   |   |     |     |     |     |     |     |
| 25                      |   | 25 mm                                   |     |     |     |     |     |     |   |   |   |   |   |   |   |     |     |     |     |     |     |
| (2) (2) (2) (2) (2) (2) |   | Start position                          |     |     |     |     |     |     |   |   |   |   |   |   |   |     |     |     |     |     |     |
| 0 ... 099999            |   | Starting position of the code tape in m |     |     |     |     |     |     |   |   |   |   |   |   |   |     |     |     |     |     |     |