

# Code tape

PXV000001M-AA25-002109



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

## Data Matrix code tape

## Dimensions



## Technical Data

<b>General specifications</b>	
Start position	2109 m
Length	1 m
Width	25 mm (1 row version)
External diameter	max. 180 mm (with max. code tape length of 100 m)
Inside diameter	76 mm ( role core )
<b>Ambient conditions</b>	
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
<b>Mechanical specifications</b>	
Material thickness	150 µm

Release date: 2023-06-26 Date of issue: 2023-06-26 Filename: 299651-101177\_eng.pdf

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

Pepperl+Fuchs Group  
www.pepperl-fuchs.com

USA: +1 330 486 0001  
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111  
fa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091  
fa-info@sg.pepperl-fuchs.com

**PEPPERL+FUCHS**

## Technical Data

Material	polyester laminate
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
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	-	A	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

AA	Code type
A	Data Matrix ECC200, Symbol size 16x16, multicolor
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

## Accessories

	<b>PGV25M-CD160-CLEAR</b>	Protective laminate for PGV code tape
	<b>PGV25M-CD100-CLEAR</b>	Protective laminate for PGV code tape