

Code tape

PXV000025M-AA25-000165



- 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	
Length	
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)

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
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Mechanical specifications

Material thickness	150 µm
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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

PF 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)
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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

	PGV25M-CD160-CLEAR	Protective laminate for PGV code tape
	PGV25M-CD100-CLEAR	Protective laminate for PGV code tape