Event marker
PXV-CM25-065-075-SET

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

Event markers for the PXV system

Dimensions

Technical Data

General specifications

Start marker number	65
Number	75
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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1

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.

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

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PEPPERL+FUCHS   2