

Technical Data

Manufacturing tolerance	± 1 mm/m
Storage	Maximum 2 years under normal storage conditions.

Mounting

Preparing the Base Surface

1. Use clean cleaning cloths (free from lint and plasticizers) to clean the surfaces.
2. Use cleaning agents appropriate for the level of surface contamination, for example n-Heptane, ethanol, or a 50:50 mixture of isopropanol and water.
3. Clean the surface until it is completely dry and free of dust, oil, oxides, release agents, and other contaminants.
4. Ensure that the surface is dry, clean, and stable.

Adhesive Strength

Metal	Material with high-energy surfaces	Material with low-energy surfaces
33 N/25 mm	32 N/25 mm	31 N/25 mm

Material thickness: 1 mm code bar + 0.13 mm adhesive

Processing Instructions

During bonding, the pressure should be as high as possible, and the temperature should be at least +10 °C. The higher the pressure and temperature, the better the adhesive will penetrate the pores of the base surface. This allows higher adhesive strength values to be achieved. It takes approx. 72 hours for the adhesive to cure.

Type Code

Structure of the type code

P	X	V	(1)	(1)	(1)	(1)	(1)	(1)	(1)	M	-	C	A	M	(2)	(3)	(3)	x	(4)	(4)	(4)	-	(5)	(5)	(5)	(5)	(5)	(5)
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PXV	Sensor Type
PXV	Position Extended Vision

(1) (1) (1) (1) (1) (1)	Total length of the code bar
1 ... 10.000	The total length of the code bar is determined by the number of individual code bar segments. The code bars can be ordered in 1 m units.

M	Unit
M	Meter

CAM	Code bar
C	Code type ECC200, symbol size 12x12
A	Absolute code
M	Metal

(2)	Mounting Type
G	Mounting by self-adhesive back
H	Mounted by screwing or riveting

(3) (3)	Code Bar Width
30	Width of the code bar in mm for mounting type G
50	Width of the code bar in mm for mounting type H

(4) (4) (4)	Nominal segment length of the code bars
100	Nominal segment length of the individual code bars in mm
200	Nominal segment length of the individual code bars in mm
500	Nominal segment length of the individual code bars in mm

(5) (5) (5) (5) (5) (5)	Start position
1 ... 9.999	Start position of the code bars in m

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