



i TF7200 | TC3 Vision Matching 2D

TC3 Vision Matching 2D expands the TwinCAT Vision functionality by the possibility to find and compare objects based on learned references, contours, feature points or other properties (template matching/keypoint detection and descriptor matching).

These functions enable the controller to determine whether certain objects or features exist in an image in order to implement functions such as good/bad part detection, for example. In the same way, objects can be recognised to be sorted or individually handled and further processed in the production process.

Technical data	TF7200
Required	TF7100
Target system	Windows 7/8/10

Ordering information	
TF7200-0v50	TC3 Vision Matching 2D, platform 50 (Performance Plus)
TF7200-0v60	TC3 Vision Matching 2D, platform 60 (Mid Performance)
TF7200-0v70	TC3 Vision Matching 2D, platform 70 (High Performance)
TF7200-0v80	TC3 Vision Matching 2D, platform 80 (Very High Performance)
TF7200-0v81	TC3 Vision Matching 2D, platform 81 (Many-core 5...8 Cores)
TF7200-0v82	TC3 Vision Matching 2D, platform 82 (Many-core 9...16 Cores)
TF7200-0v83	TC3 Vision Matching 2D, platform 83 (Many-core 17...32 Cores)
TF7200-0v84	TC3 Vision Matching 2D, platform 84 (Many-core 33...64 Cores)
TF7200-0v90	TC3 Vision Matching 2D, platform 90 (Other)
TF7200-0v91	TC3 Vision Matching 2D, platform 91 (Other 5...8 Cores)
TF7200-0v92	TC3 Vision Matching 2D, platform 92 (Other 9...16 Cores)
TF7200-0v93	TC3 Vision Matching 2D, platform 93 (Other 17...32 Cores)
TF7200-0v94	TC3 Vision Matching 2D, platform 94 (Other 33...64 Cores)

i Product announcement	estimated market release 2nd quarter 2019
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