

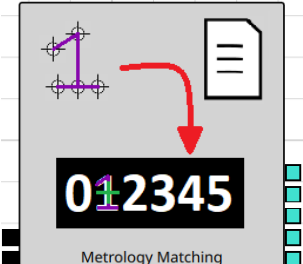
Precitec Macro Documentation

02 Metrology Matching

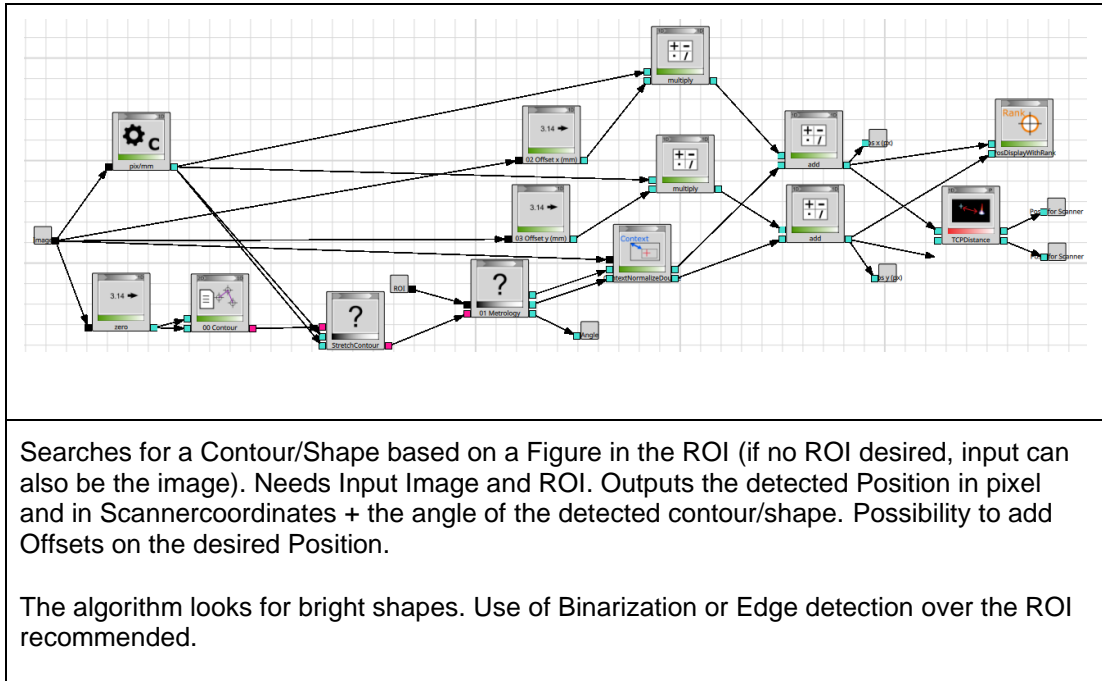
■ Changelog

Date	Version	Autor	Tested on	Description
2022-06-21	A	Wre	5.16.16	New documentation

■ Description

	<p>Searches for a Contour/Shape based on a Figure in the ROI. Needs Input Image and ROI. Outputs the detected Position in pixel and in Scanner coordinates + the angle of the detected contour/shape.</p> <p>I1: Image I2: ROI</p> <p>O1: Position X in pixel O2: Position Y in pixel O3: Position X for Scanner O4: Position Y for Scanner O5: Angle</p>
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■ Macro structure



■ Parameter

NAME	VALUE	Description	UserLevel
00 Contour → Verbosity	Low	Visibility of Contour (no preview)	SuperUser
00 Contour → WeldingFigure Name	0	Number of Welding Figure used as shape	SuperUser
01 Metrology → Number of Sampling Points	32	Number of Sampling points used to create the shape from the contour	SuperUser
01 Metrology → Angle Start	0	Start Angle in degree, by which the contour will be rotated	SuperUser
01 Metrology → Angle Extent	0	Amount of angle in degree the contour will be rotated	SuperUser
02 Offset x (mm) → Number	0	Offset in X direction in mm	Operator
03 Offset y (mm) → Number	0	Offset in Y direction in mm	Operator

