



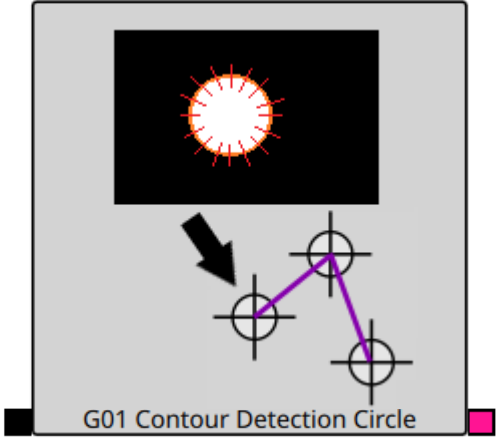
Precitec Macro Documentation

02 Contour Detection Circle

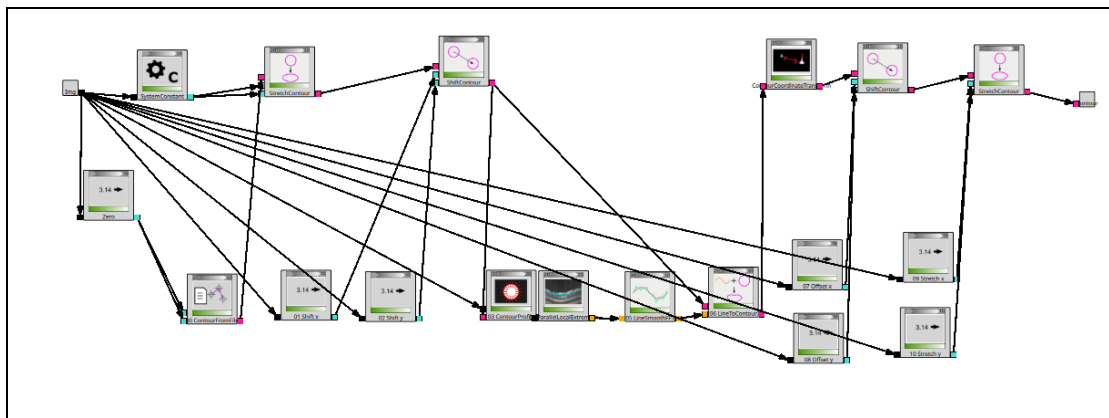
■ Changelog

Date	Version	Autor	Tested on	Description
2023-03-03	A	Abt	5.19.13	New documentation

■ Description

 <p>G01 Contour Detection Circle</p>	<p>Creates a Grid within you can</p> <p>I1: IMG</p> <p>O1: Contour</p>
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■ Macro structure



■ Parameter

NAME	VALUE	Description	UserLevel
00 Contour from File → WeldingFigureName	-	Choose the Contour which will be fit to the real Surfacecontour	Admin
01 Shift X → Number	0	Shift in x [mm]	Admin
02 Shift Y → Number	0	Shift in y [mm]	Admin
03 Contour Profile → Verbosity level	none	Choose the Verbosity in the preview	Admin
03 Contour Profile → Samples	50	Defines the number of Slices of Samples	Admin
03 Contour Profile → Sample Lenght [px]	100	Defines the Length of each Sample	Admin
04 Parallel Local Extremum → Extremum Type	Miniumum	Searching for Minimum or Maximum	Admin
04 Parallel Local Extremum → Search from Right to Left	Off	Starting the counting from Right or Left	Admin

04 Parallel Local Extremum → Extremum Index	1	Number of Extremum	Admin
04 Parallel Local Extremum → Minimum Prominence	1		Admin
04 Parallel Local Extremum → Subpixel	On		Admin
04 Parallel Local Extremum → Offset	0	Local Offset for the Extremum	Admin
05 LineSmoothFFT → Maximum Frequency	-1		Admin
05 LineSmoothFFT → Precitec.Filter.Attribute.LineSmoothFFT	100		Admin
05 LineSmoothFFT → Precitec.Filter.Attribute.LineSmoothFFT	0		Admin
06 LineTo Contour → Close Contour	On	Closes an open Contour	Admin
07 Offset X → Number	0	Offset in X for shifted Contour [mm]	Admin
08 Offset Y → Number	0	Offset in Y for shifted Contour [mm]	Admin
09 Stretch X → Number	0	Stretch X the shifted Contour	Admin
10 Stretch Y → Number	0	Stretch Y the shifted Contour	Admin