

Elektrický koncept robotizovaného meracieho pracoviska

ME-Inspection SK

20. 12. 2020, Version 1.4





Version	Description of change	Person
1.0	Creation of document	Patrik Herčút
1.1	Add more PLC options	Patrik Herčút
1.2	Add ethernet for LLT sensor Change of robot control unit Manageable switch Safety scheme	Patrik Herčút
1.3	Revision PLC order number Add safety shut down scheme	Patrik Herčút
1.4	Camera calibration version	Patrik Herčút



Plant network



SIMATIC IFP1900 PRO 19" Flat panel monitor 6AV7466-6MA02-0CS0





64 Bit Version 6AG4141-1AA17-0FA0 **Runtime software** Windows 10 IoT Enterprise

SIMATIC WinCC Basic V15.1

1.)



HW PLC CPU 1516F-3 PN/DP 6ES7516-3FN01-0AB0 (PROFIsafe, SIMATIC ProDiag S7-1500, Runtime License(s))

- + no need safety relay
- price

2.)



HW PLC CPU 1516-3 PN/DP

6ES7516-3AN01-0AB0 SIMATIC S7-1500

- + price
- need safety relay

Electrical concept: Rotary table control (Tire testing)



















