ISO 20242-4:2011-12 (E)

Industrial automation systems and integration - Service interface for testing applications - Part 4: Device capability profile template

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Abbreviated terms 2

5 Device capability profile framework 3
5.1 General 3
5.2 Creation procedure of DCD, CCD and PID 4

6 Generic device capability profile template 6
6.1 General 6
6.2 Generic DCPT model 6
6.3 Generic DCPT XML schema 7

7 Common rules for DCPT 10
7.1 General 10
7.2 DCPT header 11
7.3 Extension of profile template 12
7.4 Assignment of textual information 13
7.5 Creating PID 14

8 Multilingual text elements 14

Annex A (informative) ASAM GDI device capability profile template 16

Annex B (informative) Device capability profile templates for manufacturing applications 35

Annex C (informative) Device capability profile templates for ORiN robot applications 55

Bibliography 75