IEC 61158-2
(Third edition – 2003)

Digital data communications for measurement and control – Fieldbus for use in industrial control systems –
Part 2: Physical layer specification and service definition

IEC 61158-4
(Third edition – 2003)

Digital data communications for measurement and control – Fieldbus for use in industrial control systems –
Part 4: Data link protocol specification

IEC 61158-5
(Third edition – 2003)

Digital data communications for measurement and control – Fieldbus for use in industrial control systems –
Part 5: Application layer service definition

IEC 61158-6
(Third edition – 2003)

Digital data communications for measurement and control – Fieldbus for use in industrial control systems –
Part 6: Application layer protocol specification

IEC 61784-1
(First edition – 2003)

Digital data communications for measurement and control –
Part 1: Profile sets for continuous and discrete manufacturing relative to fieldbus use in industrial control systems

CORRIGENDUM 1

IEC 61158-2:

Page 137

Replace, in 11.3.3 (Rule 8 c), "**Error!** ≤ MD_{max}" *by* "$|(Z - Z_{fr})/(Z + Z_{fr})| \leq MD_{max}$".

Page 152

Replace, in 12.3.3 (Rule 8 c), "**Error!** ≤ 0,2" *by* "$|(Z - Z_{fr})/(Z + Z_{fr})| \leq 0,2$".

Page 170

Replace, in 13.3.3 (Rule 8 c), "**Error!** ≤ 0,2" *by* "$|(Z - Z_{o})/(Z + Z_{o})| \leq 0,2$".

Page 181

Replace, in 14.3.3 (Rule 8 c), "**Error!** ≤ 0,2" *by* "$|(Z – Z_o)/(Z + Z_o)| \leq 0,2$".

Page 229

Replace, in 21.3.3 (Rule 8 c), "**Error!** ≤ 0,2" *by* "$|(Z – Z_o)/(Z + Z_o)| \leq 0,2$".

Page 234

Replace, in 21.8.8, "See 0" *by* "See 12.8.8".

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Page 86

Replace, in 5.1.1, in equation 5, "**Error!**" *by* "$\frac{X^{n-k} + 1}{X + 1}$"

Page 110

Replace, in 6.4.1.1, in paragraph "framing-overhead", "…where period = **Error!**" *by* "… where period = $\frac{1}{\text{data rate}}$ "

Page 251

Replace, in 10.2.1.2 b), "…then the duration of this timer should be **Error!**; otherwise the duration should be **Error!**." *by* "…then the duration of this timer should be $\frac{V_C(NP).MCD\_CRS}{V(NRC)+1}$; otherwise the duration should be $\frac{60\ s}{V(NRC)+1}$."

Page 279

Replace, in 10.2.2.9 b), "…then the duration of this timer should be; otherwise the duration should be **Error!**." *by* "…then the duration of this timer should be $\frac{V_C(NP).MCD\_CRS}{V(NRC)+1}$; otherwise the duration should be $\frac{60\ s}{V(NRC)+1}$."

Page 280

Replace, in 10.2.2.11, second paragraph, "…between 25 % and 50 % of **Error!**; otherwise the duration should be between 25 % and 50 % of **Error!**." *by* "…between 25 % and 50 % of $\frac{V_C(NP).MCD\_D}{V(NRC)+2}$; otherwise the duration should be between 25 % and 50 % of $\frac{60\ s}{V(NRC)+2}$."

Page 281

Replace, in 10.2.2.11.1, second indent, "…between 25 % and 50 % of **Error!**; otherwise the duration should be between 25 % and 50 % of **Error!**." *by* "…between 25 % and 50 % of $\frac{V_C(NP).MCD\_D}{V(NRC)+2}$; otherwise the duration should be between 25 % and 50 % of $\frac{60\ s}{V(NRC)+2}$."

Replace, in 10.2.2.12, second paragraph, "…between 25 % and 50 % of **Error!**; otherwise the duration should be between 25 % and 50 % of **Error!**." *by* "…between 25 % and 50 % of $\frac{V_C(NP).MCD\_D}{V(NRC)+2}$; otherwise the duration should be between 25 % and 50 % of $\frac{60\ s}{V(NRC)+2}$."

Page 282

Replace, in 10.2.2.13, second paragraph, "…between 70 % and 95 % of **Error!**; otherwise the duration should be between 70 % and 95 % of **Error!**." *by* "…between 70 % and 95 % of $\frac{V_C(NP).MCD\_CRS}{V(NRC)+2}$; otherwise the duration should be between 70 % and 95 % of $\frac{60\ s}{V(NRC)+2}$."

Page 286

Replace, in 10.2.2.19 c), "…this timer should be **Error!**; otherwise the duration should be **Error!**." *by* "…this timer should be $\frac{V_C(NP).MCD\_CRS}{V(NRC)+1}$; otherwise the duration should be $\frac{60\ s}{V(NRC)+1}$."

Page 287

Replace, in 10.2.3.1 b), "…this timer should be **Error!**; otherwise, the duration should be **Error!**." *by* "…this timer should be $\frac{V_C(NP).MCD\_CRS}{V(NRC)+1}$; otherwise, the duration should be $\frac{60\ s}{V(NRC)+1}$."

Page 299

Replace, in 10.3.4.1 b), "…this timer should be **Error!**; otherwise the duration should be **Error!**." *by* "…this timer should be $\frac{P_U(MCD)}{V(NRC)+1}$; otherwise the duration should be $\frac{60\ s}{V(NRC)+1}$."

Page 301

Replace, in 10.4.1.3 a), in equation (20), "+ **Error!**)" *by* "+ $\frac{V(MD)}{2}$)".

Page 400

Replace, in 12.6.3 a), fifth paragraph, "…at most **Error!** ms for Basic and Link Master DLEs, and **Error!** ms for…." *by* "...at most $\frac{1}{4}$ ms for Basic and Link Master DLEs, and $\frac{1}{16}$ ms for...".

Page 442

Replace, in 15.2, in the note following the sixth paragraph, "The calculation of slot time is specified in 0." *by* "The calculation of slot time is specified in 18.2."

Page 462

Replace, in 16.4.3, note 1, "Subclause 0" *by* "Subclause 18.2".

Replace, in 16.4.3, note 2, "Subclause 0" *by* "Subclause 18.2".

Replace, in 16.4.3, note 3, "Subclause 0" *by* "Subclause 18.2".

Page 590

Replace, in 20.5.2, equation (25), "$\mathbf{t_{BIT}}$ = **Error!**" *by* "$\mathbf{t_{BIT}} = \frac{1}{\text{data rate}}$".

Page 601

Replace, in 20.5.4.20, second line:

– "(see 22.8") *by* "(22.7)" *and*

– "(see XXX)" *by* "(see 22.8").

IEC 61158-5:

Page 273

Replace, in 7.1.2, first line and seventh dash, "Clause 0" *by* "Clause 4".

Page 740

Replace, in 9.1.1, last line, "Clause 0" *by* "Clause 4".

Page 1053

Replace, in 13.1.1, first paragraph, "Clause 0" *by* "Clause 4".

Page 1058

Replace, in 13.2.3.3.1, first line, "0" by "6.2.2.2.2".

IEC 61158-6:

Page 1113

Note that in 11.2.3.2.2 Figure 213 is not used.

Page 1154

Replace, in 12.1.2.13, first paragraph, "Figure 228 through 238" *by* "Figure 229 through 239".