

ISO 28560-3:2011-04 (E)

Information and documentation - RFID in libraries - Part 3: Fixed length encoding

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Requirements	3
4.1	Data elements	3
4.2	RFID air interface	3
4.3	Data protocol	3
5	General encoding rules	3
5.1	Distinguishing from other applications and encodings	3
5.2	Writing/reading direction	4
5.3	Memory area layout	4
5.4	Strings and integers	5
5.5	Writing the tag	5
5.6	Reading optimization	5
5.7	Profiling	5
5.8	Locking	6
5.9	Migration	6
6	Data elements	6
7	Data blocks	9
7.1	Types of data blocks	9
7.2	Basic block	10
7.3	Special blocks	11
7.4	Structured extension blocks	12
7.5	Library extension block	13
7.6	Acquisition extension block	14
7.7	Library supplement block	14
7.8	Title block	15
7.9	ILL block	15
7.10	Unstructured extension blocks	16
Annex B (informative)	Encoding examples	18
Annex C (normative)	Cyclic redundancy check (CRC)	21
Annex D (informative)	Reading optimization	22
Annex E (informative)	Guidelines for regional profiling	23
Bibliography		24