

# DIN EN 16334-2:2020-05 (E)

## Railway applications - Passenger alarm system - Part 2: System requirements for urban rail

---

<b>Contents</b>		<b>Page</b>
European foreword .....		3
1	Scope .....	4
2	Normative references .....	4
3	Terms and definitions .....	5
4	Symbols and abbreviations .....	7
5	System overview, architecture and interfaces .....	7
6	Safety requirements .....	7
6.1	Minimum safety requirements .....	7
6.2	Complementary safety requirements for AUGT .....	8
7	Functional requirements .....	8
7.1	General .....	8
7.2	Advise the driver (and optionally other on-board operation staff or OCC) of a potential danger .....	8
7.3	Automated and semi-automated rolling stock .....	9
7.4	Feedback to the passenger .....	10
7.5	Management of PAS communication for PAI .....	10
7.6	End of platform detection .....	10
7.7	Recognition of the action of the driver or of the OCC .....	11
7.8	Brake request .....	11
7.9	PAS actions after PAD activation .....	11
7.10	PAS power up in the active cab or train reconfiguration .....	12
7.11	Driver acknowledgement .....	12
7.12	Brake requests by other systems .....	12
7.13	PAS reset .....	12
8	Event sequence .....	12
8.1	General .....	12
8.2	Brake request management .....	13
9	PAS malfunctions .....	13
10	Requirements for PAD .....	13
10.1	Installation requirements .....	13
10.2	Passenger interface .....	14
Annex A(normative) PAS information management with PAI .....		17
Annex B(normative) PAS brake request management .....		19
Annex C(informative) Sign indicating the reset equipment for the local PAD .....		20
Annex D(informative) Square key to restore the passenger PAD to the initial position .....		22
Annex E(informative) System overview .....		23

<b>Annex F(informative) Overall dimension of the PAD handle interface .....</b>	<b>24</b>
<b>Annex G(informative) Inscription indicating the PAD .....</b>	<b>25</b>
<b>Annex H(informative) Label for PAD .....</b>	<b>26</b>
<b>Bibliography .....</b>	<b>27</b>