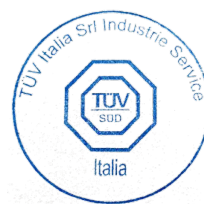




Documento No.: EVOL 722357813 rev. 0

Valutazione della conformità ai requisiti delle norme EN 81-20/50:2020 e ISO 8100-1/2:2019
Assessment of compliance to the requirements of EN 81-20/50:2020 and ISO 8100-1/2:2019

Oggetto <i>Object</i>	Elementi trasmettitori dei circuiti di sicurezza: sensori magnetici STEM (vedi tabella) <i>Transmitter elements of safety circuits: STEM magnetic sensors (see table)</i>
Richiedente <i>Applicant</i>	STEM S.r.L. Via della Meccanica, 2 I-27010 Cura Carpignano (PV)
Numero d'ordine <i>Order number</i>	722357813
Norme di riferimento <i>Reference standards</i>	EN 81-20:2020/ ISO 8100-1:2019: 5.11.2.5 EN 81-50:2020/ ISO 8100-2:2019: 5.6.3.1.2 a) 5.6.3.1.2 b) 5.6.3.1.3.2 5.6.3.1.3.3
Laboratorio di prova <i>Laboratory test</i>	TÜV Italia S.r.l. Viale Fulvio Testi, 280/6, 20126 Milano MI





TEST REPORT REP073811_ENV_A	
MODELLI BASE Base Models	MODELLI COSTRUTTIVAMENTE EQUIVALENTI Constructively Equivalent Models
C121 1A	C121 1A xx xxxx, C131 1A xx xxxx, C141 1A xx xxxx, C151 1A xx xxxx, C161 1A xx xxxx, C171 1A xx xxxx, C181 1A xx xxxx C191 1A xx xxxx
C121 CA	C121 CA xx xxxx, C131 CA xx xxxx, C141 CA xx xxxx, C151 CA xx xxxx, C161 CA xx xxxx, C171 CA xx xxxx, C181 CA xx xxxx C191 CA xx xxxx
C121 1F	C121 1F xx xxxx, C131 1F xx xxxx, C141 1F xx xxxx, C151 1F xx xxxx, C161 1F xx xxxx, C171 1F xx xxxx, C181 1F xx xxxx C191 1F xx xxxx
C121 1L	C121 1L xx xxxx, C131 1L xx xxxx, C141 1L xx xxxx, C151 1L xx xxxx, C161 1L xx xxxx, C171 1L xx xxxx, C181 1L xx xxxx C191 1L xx xxxx
C191 ZE	C121 Zx xx xxxx, C131 Zx xx xxxx, C141 Zx xx xxxx, C151 Zx xx xxxx, C161 Zx xx xxxx, C171 Zx xx xxxx, C181 Zx xx xxxx C191 Zx xx xxxx
C123 1M	C123 1M xx xxxx, C133 1M xx xxxx, C143 1M xx xxxx, C153 1M xx xxxx, C163 1M xx xxxx, C173 1M xx xxxx, C183 1M xx xxxx C193 1M xx xxxx
C123 1N	C123 1N xx xxxx, C133 1N xx xxxx, C143 1N xx xxxx, C153 1N xx xxxx, C163 1N xx xxxx, C173 1N xx xxxx, C183 1N xx xxxx C193 1N xx xxxx
C123 1P	C123 1P xx xxxx, C133 1P xx xxxx, C143 1P xx xxxx, C153 1P xx xxxx, C163 1P xx xxxx, C173 1P xx xxxx, C183 1P xx xxxx C193 1P xx xxxx
C155 1S	C125 1S xx xxxx, C135 1S xx xxxx, C145 1S xx xxxx, C155 1S xx xxxx, C165 1S xx xxxx, C175 1S xx xxxx, C185 1S xx xxxx C195 1S xx xxxx
C155 1T	C125 1T xx xxxx, C135 1T xx xxxx, C145 1T xx xxxx, C155 1T xx xxxx, C165 1T xx xxxx, C175 1T xx xxxx, C185 1T xx xxxx C195 1T xx xxxx
E637BC	E617 xx xx xxxx, E627 xx xx xxxx, E637 xx xx xxxx, E647 xx xx xxxx, E657 xx xx xxxx,
C127 BC	C127 BC xx xxxx, C12G B3 xx xxxx, C137 BC xx xxxx, C147 BC xx xxxx, C157 BC xx xxxx, C167 BC xx xxxx, C177 BC xx xxxx, C187 BC xx xxxx, C197 BC xx xxxx,
C127 ZG QB	C127 ZG xx xxxx, C157 ZG xx xxxx, C197 ZG xx xxxx,
C123 2G QB	C123 2G xx xxxx, C153 2G xx xxxx, C193 2G xx xxxx,
C121 2R QB	C121 2R xx xxxx, C151 2R xx xxxx, C191 2R xx xxxx,
C12H M	C12H Mx xx xxxxxx, C12H Cx xx xxxxxx, C15H Mx xx xxxxxx, C15H Cx xx xxxxxx, C19H Mx xx xxxxxx, C19H Cx xx xxxxxx.
C12H B	C12H Bx xx xxxxxx, C15H Bx xx xxxxxx, C19H Bx xx xxxxxx,
C127 BG	C127 BG xx xxxxxx, C137 BG xx xxxxxx, C147 BG xx xxxxxx, C157 BG xx xxxxxx, C167 BG xx xxxxxx, C177 BG xx xxxxxx, C187 BG xx xxxxxx, C197 BG xx xxxxxx,
E537 BC	E537 BC xxxxxx
E577 BC	E577 BC xxxxxx
D081 1A	D081 1A xx xxxxxx, D085 1A xx xxxxxx, D106 1A xx xxxxxx, D121 1A xx xxxxxx, D122 1A xx xxxxxx, D08P 1A xx xxxxxx, D10P 1A xx xxxxxx, D12P 1A xx xxxxxx,
D081 1B	D08x 1B xx xxxxxx, D08x 1V xx xxxxxx, D10x 1B xx xxxxxx, D10x 1V xx xxxxxx, D12x 1B xx xxxxxx, D12x 1U xx xxxxxx, D12x 1V xx xxxxxx, D08P 1B xx xxxxxx, D08P 1V xx xxxxxx, D10P 1B xx xxxxxx, D10P 1V xx xxxxxx, D12P 1B xx xxxxxx, D12P 1U xx xxxxxx, D12P 1V xx xxxxxx,
D081 1M	D08x 1M xx xxxxxx, D10x 1M xx xxxxxx, D12x 1M xx xxxxxx, D08P 1M xx xxxxxx, D10P 1M xx xxxxxx, D12P 1M xx xxxxxx,
D081 1S	D08x 1S xx xxxxxx, D10x 1S xx xxxxxx, D12x 1S xx xxxxxx, D08P 1S xx xxxxxx, D10P 1S xx xxxxxx, D12P 1S xx xxxxxx,



TEST REPORT REP073811_ENV_A	
MODELLI BASE Base Models	MODELLI COSTRUTTIVAMENTE EQUIVALENTI Constructively Equivalent Models
D106 2R	D10x 2A xx xxxxxx, D10x 2Q xx xxxxxx, D10x 2R xx xxxxxx, D10x 2P xx xxxxxx, D10x 2T xx xxxxxx, D10x 2U xx xxxxxx, D10P 2A xx xxxxxx, D10P 2Q xx xxxxxx, D10P 2R xx xxxxxx, D10P 2P xx xxxxxx, D10P 2T xx xxxxxx, D10P 2U xx xxxxxx, D12x 2A xx xxxxxx, D12x 2Q xx xxxxxx, D12x 2R xx xxxxxx, D12x 2P xx xxxxxx, D12x 2T xx xxxxxx, D12x 2U xx xxxxxx, D12P 2A xx xxxxxx, D12P 2Q xx xxxxxx, D12P 2R xx xxxxxx, D12P 2P xx xxxxxx, D12P 2T xx xxxxxx, D12P 2U xx xxxxxx,
D122 1L	D12x 1L xx xxxxxx, D12x 1C xx xxxxxx
D122 1N	D12x 1N xx xxxxxx
D122 1T	D12x 1T xx xxxxxx

TEST REPORT 086-0517 Rev. 1	
MODELLI BASE Base Models	MODELLI COSTRUTTIVAMENTE EQUIVALENTI Constructively Equivalent Models
E647BGCASCH03	E617 BG CA SCHxx, E627 BG CA SCHxx, E637 BG CA SCHxx, E647 BG CA SCHxx E617 BG US SCHxx, E627 BG US SCHxx, E637 BG US SCHxx, E647 BG US SCHxx E617 BS CA SCHxx, E627 BS CA SCHxx, E637 BS CA SCHxx, E647 BS CA SCHxx E617 BS US SCHxx, E627 BS US SCHxx, E637 BS US SCHxx, E647 BS US SCHxx
E657 BGOSCH02	E657 BGOSCHxx, E657 BSOSCHxx

ESITO: I sensori magnetici identificati dalle sigle riportate in tabella risultano conformi alle norme di riferimento.

RESULTS: The magnetic sensors are identified by abbreviations shown in the table conform to the standards of reference.

Milano, 09/01/2025



TÜV Italia Srl
Matteo Barachetti Bovara