



**Documento No.: EVOL 722161551 rev. 0**

**Valutazione della conformità ai requisiti delle norme EN81-20: 2014, EN 81-50:2014**

*Assessment of compliance to the requirements of EN 81-20:2014, EN 81-50:2014*

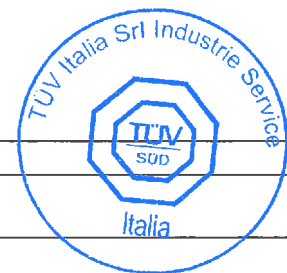
Oggetto  
*Object* Elementi trasmettitori dei circuiti di sicurezza: sensori magnetici STEM (vedi tabella)  
*Transmitter elements of safety circuits: STEM magnetic sensors (see table)*

Richiedente  
*Applicant* STEM S.r.L.  
Via della Meccanica, 2  
I-27010 Cura Carpignano (PV)

Numero d'ordine  
*Order number* 722161551

Norme di riferimento  
*Reference standards* - EN 81-50:2014 5.6.3.1.2 a)  
- EN 81-50:2014 5.6.3.1.2 b)  
- EN 81-50:2014 5.6.3.1.3.2  
- EN 81-50:2014 5.6.3.1.3.3  
- IEC 60068-2-6:2007  
- IEC 60068-2-27:2008  
- IEC 60068-2-29:1998

Laboratorio di prova  
*Laboratory test* TÜV Italia S.r.l.  
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**TEST REPORT VIBR 11 054**

<b>Modelli Base</b> <i>Base models</i>	<b>Modelli costruttivamente equivalenti</b> <i>Constructively equivalent models</i>
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 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, D12x 1B xx xxxxxx.



Italia

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.
<b>Modelli Base</b> <b>Base models</b>	<b>Modelli costruttivamente equivalenti</b> <b>Constructively equivalent models</b>
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.
<b>TEST REPORT V00/101- V00/102- V00/103- V00/104- V00/105 -V02/33/34/35/36</b>	
C121	C121 1x xx xxxx, C131 1x xx xxxx, C141 1x xx xxxx, C151 1x xx xxxx, C161 1x xx xxxx, C171 1x xx xxxx, C181 1x xx xxxx, C191 1x xx xxxx,
C123	C123 1x xx xxxx, C133 1x xx xxxx, C143 1x xx xxxx, C153 1x xx xxxx, C163 1x xx xxxx, C173 1x xx xxxx, C183 1x xx xxxx, C193 1x xx xxxx,
C155	C125 1x xx xxxx, C135 1x xx xxxx, C145 1x xx xxxx, C155 1x xx xxxx, C165 1x xx xxxx, C175 1x xx xxxx, C185 1x xx xxxx, C195 1x xx xxxx,
E627	E617 xx xx xxxx, E627 xx xx xxxx, E637 xx xx xxxx, E647 xx xx xxxx, E657 xx xx xxxx,
C12G	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 BD BF	C127 BD xx xxxx, C137 BD xx xxxx, C147 BD xx xxxx, C157 BD xx xxxx, C167 BD xx xxxx, C177 BD xx xxxx, C187 BD xx xxxx, C197 BD xx xxxx.
C127 ZB QB	C127 ZB xx xxxx, C157 ZB xx xxxx, C197 ZB 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.
<b>TEST REPORT 086-0517rev.1 (IASELAB)</b>	
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 BG0SCH02	E657 BG0SCHxx, E657 BS0SCHxx

**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.

Sesto San Giovanni, 29/10/2018

TUV Italia Srl  
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