

VERIFICATION OF COMPLIANCE

Verification No.: SHEM250400207401HSC
Applicant: Tigon (Tianjin) Industrial Tech. Co., Ltd
Address of Applicant: Yunchuang Center 13-2, Gaotai Road 15, Xiqing District, Tianjin 300380. China
Manufacturer: Tigon (Tianjin) Industrial Tech. Co., Ltd
Address of Manufacturer: Yunchuang Center 13-2, Gaotai Road 15, Xiqing District, Tianjin 300380. China
Product Description: Proximate Switch
Model No.: Refer to page 2-3
Test Standards: EN IEC 60947-5-2:2020 Clause 8.2.6.1, 8.2.6.2, 8.2.6.3, 9.6.1, 9.6.2, 9.6.3
Test Report Number(s): SHEM250400207401

This Verification of EMC Compliance has been granted to the applicant based on the results of the tests, performed by laboratory of SGS-CSTC Standards Technical Services Co., Ltd. on the sample of the above-mentioned product in accordance with the provisions of the relevant specific standards under Directive 2014/30/EU. The CE mark can be used, under the responsibility of the manufacturer, after completion of an EU Declaration of Conformity and compliance with all relevant EU Directives.

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Attachment to Verification No.: SHEM250400207401HSC

Model No.:

TGPR-M12-L02-S009, TGPX-MXX-L02-SXXX, TGPX-MXX-T12-SXXX, TGPX-XXXXX-XXX-XXX

	TGPB	-	XX	-	X		XX	-	X		X		X		XXX	
Inductive switch															Electrical connection	
TGPB=General-purpose compact type															L02 = 2m cable, PVC	
TGPL=Wide-temperature type															T12 = M12plug	
TGPD=General-purpose high-temperature															G00 = with gland cable	
TGPM=All-metal (pressure-resistant type)															S02=Two meters of silicone and PUR cables	
TGPP=Waterproof and anti-interference type																
TGPF=High-speed type																
TGPF=The attenuation coefficient is of type 1																
Shell type																
O8 = M8																
12 = M12																
18 = M18																
30 = M30																
RF = Rectangle 40																
QE = Square 80																
QF = Square 40															Power supply	
Installation method																6 = 9-32VDC
F = flush mounting																
M=quasi flush mounting																
N =non-flush mounting																
Detection distance																
O2 = 2 mm																
O5 = 5 mm																
.....																
Electrical output																
P = PNP																V=Analog 0-10V
N = NPN																G=Analog 4-20mA
D = DC two wire																I=Analog 0-20mA
A = AC two wire																
L = ACDC, two wire																
Switch type																
P = NO																
C =NC																
D =NO+NC																

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	TGPX	-	XX	-	XX	SXXX
Inductive switch						
TGPB=General-purpose compact type						
TGPL=Wide-temperature type						
TGPD=General-purpose high-temperature type						
TGPM=All-metal (pressure-resistant type)						
TGPW=Waterproof and anti-interference type						
TGPP=High-speed type						
TGPF=The attenuation coefficient is of type 1						
Shell type						
08 = M8						
12 = M12						
18 = M18						
30 = M30						
RF = Rectangle 40						
QE = Square 80						
QF = Square 40						
Electrical connection						
L02 = 2m cable, PVC						
T12 = M12plug						
G00 = with gland cable						
S02=Two meters of silicone and PUR cables						
Special code						

Parlam Zhan

Parlam Zhan
Laboratory Manager

SGS-CSTC Standards Technical Services Co., Ltd.



Date: 2025-04-27

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