

Dear Customers,

Industrial Solutions Company
Panasonic Corporation

Report of Confirmation of EU REACH 19th SVHC

Confirmed date: January 25, 2019

Industrial Solutions Company, Panasonic Corporation ("we") hereby report that, based on the information provided by our suppliers and the information on parts/materials used in those products, the products below do not contain any of the 191 Substances of Very High Concern (SVHC) listed on the candidate list updated on June, 27, 2018 by the European Chemical Agency (ECHA) above concentration of 0.1wt%.

Product Name : Automotive Encoders
Series Name : 11 mm Square GS G2

(*1) We state "do not contain SVHC" in this letter when certain SVHC is present in Applicable Products in concentration equal to or below 0.1wt % based upon the calculation, subject to (i) the information of SVHC provided by our supplier and (ii) the information of parts/materials used in Applicable Products

(*2) The view of the Electronic Components Industry is that "diboron trioxide (B_2O_3)", or "lead oxide (PbO , Pb_3O_4)" in glass or ceramics are not Substances of Very High Concern. The industry also has the view that "complex oxides containing lead (lead titanium trioxide [$PbTiO_3$], lead titanium zirconium oxide [$(Pbx\ Tiy\ Zrz)O_3$])" in ceramics are not Substance of Very High Concern (SVHC). For more details, refer to JEITA's position statements (24JEITA #207, #247, and #248).

URL: <http://home.jeita.or.jp/ecb/ceramic.html>

[Signature] Toyoyuki Urabe.

Director name : Toyoyuki Urabe

Electromechanical Control Business Division

of Industrial Solutions Company, Panasonic Corporation

Product Name : Automotive Encoders

Series Name : 11 mm Square GS G2

Part Number : EVED EVEC

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