



Environmental Product Declaration

Product	Type of equipment / Product No.	QBE2003-Px	Pressure sensors for liquids and gases
		QBE2103-Px	Pressure sensors for liquids and gases
		QBE2004-Px	Pressure sensors for refrigerants
		QBE2104-Px	Pressure sensors for refrigerants
		QBE9001-Px	Pressure sensors for liquids, gases and refrigerants
		QBE9103-Px	Pressure sensors for liquids, gases and refrigerants
Process control	Siemens Switzerland Inc Building Technologies Division Gubelstrasse 22 CH-6301-Zug		
	Management System	since	by
	ISO 9001 (Qualität)	22.07.1986	SQS
	ISO 14001 (Umwelt)	20.10.1998	SQS
Product use	Typical energy consumption	variant *) see below Voltage output: 0.5W, Current output 0.7W according data sheets	
	Maintenance	None	
	Fire load	variant *) see below	
Packaging	20-PAP Corrugated fiber board	Folded box	variant
Materials	Total weight of device	variant *) see below	
	The total weight of a device may deviate from the total of the weights of all individual components due to rounding.		
Plastics		O ring 05.23x02.62 FKM	
	PA	Print holder	3g
	PBT	Adapter ring DIN large	variant
	PA6	Screw ring for power plug GSP 311	variant
	Q Silicone rubber	Silgel 612 B	2g
	PE	Cover for plug DIN EN 175301-803	variant
	PA6	Connector holder DIN large with vent slot	variant
	NBR	Seal for power plug GSP 311	variant
		Round cell blank KY K96.0 p10 W9.4 radial	
	PVC soft	Connection cable Quickon 3-L complete	variant
	PA	Connector holder cable gland	
	PA66	Cable fixer	variant
Q Silicone rubber	Silgel 612 A	variant	

Metals	X2CrNiMo17-12-2	Coat for sensor	variant
	X8CrNiS18-9	Sensor short	variant
	Sn96.5Ag3Cu0.5	Solder wire Flexsol 903	variant
	X10CrNiS18-9 1	Sensor 2.5-60bar	
	1.4016 X6Cr 17	Round cell blank S4016 p10 W9.35	variant
	X2CrNiMo17-12-2	Sensor 2.5-60bar	variant
	X2CrNiMo17-12-2	Sensor sleeve	variant
Others	FKM 70Sh (FKM 75.16-04)	O ring 05.23x02.62 FKM	variant
	VMQ/VMQ 50Sh (Si 850, B)	O ring 16.00x01.50 VMQ	variant
	HNBR 70Sh (HNBR 70.39-01)	O ring 10.00x01.50 HNBR	variant
		Round cell complete K96.0 rel p10 W9.4 Pin radial TK0	variant
		Connector holder DIN large with membrane	variant
		Print DIN large with cable complete AC 0-10V	variant
		GSP 311 power plug industry 3pol.	variant
		Batteries / Accumulators	variant
		Print Quickon with pin jack complete AC 0-10V	variant
		Connector holder cable gland	variant
PCBAs (Printed Circuit Board assembled)	FR4	Print digital universal	

***Variant parts list**

[g]	QBE2003-Px	QBE2103-Px	QBE2004-Px	QBE2104-Px	QBE9001-Px	QBE9103-Px
Total weight of device	146	146	157	157	111	91
Adapter ring DIN large	6	6				
Screw ring for power plug GSP 311	5	5				
Cover for plug DIN EN 175301-803	3	3				
Connector holder DIN large with vent slot	4	4				
Seal for power plug GSP 311	0	0				
Connection cable Quickon 3-L complete			72	72		
Connector holder cable gland						
Cable fixer			0	0		
Silgel 612 A	1	1				
Coat for sensor	12	12				
Sensor short	68	68				
Solder wire Flexsol 903						
Round cell blank S4016 p10 W9.35			7	7		
Sensor 2.5-60bar			58	58	78	58
Sensor sleeve			8	8	8	8
O ring 05.23x02.62 FKM	0	0				
O ring 16.00x01.50 VMQ	0	0				
O ring 10.00x01.50 HNBR	0	0				
Round cell complete K96.0 rel p10 W9.4 Pin radial TK0	5	5			7	7
Connector holder DIN large with membrane	4	4	4	4	4	4
Print DIN large with cable complete AC 0-10V	2	2				
GSP 311 power plug industry 3pol.	5	5				

Batteries / Accumulators		27	27				
Print Quickon with pin jack complete AC 0-10V				2	2	2	2
Connector holder cable gland						7	7
Fire load	[MJ]	1	1	2	2	1	1
Typical energy consumption	[kWh/a]	5	7	5	7	5	7
Packaging							
Folded box	[g]	29	29	39	39	11	11

Comments

EU-directive 2011/65/EU (RoHS)

The device does not contain substances in concentrations and applications banned under the EU RoHS Directive.

Regulation (EC) No. 1907/2006 (REACH)

To the best of our knowledge and according to the information of our suppliers the above mentioned device and its packaging contain no substances of the candidate list according to Article 59 (1, 10) of the regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) in concentrations above 0.1 % w/w.

(Status according to the creation date of this document.)

The device is free from substances which interfere with lacquer wetting.

The silicone rubber mats have been heated at 200 °C for 2 hours. The plastic parts were manufactured without silicone containing mold release agents.

The device is halogen-free.

Legal Disclaimer: This declaration is for information purpose only.

This Environmental Product Declaration does not constitute a guarantee of the composition of a product, neither does it guarantee that the product will retain a particular composition for a particular period.

Siemens Switzerland Inc therefore does not assume liability for any error or for any consequences which may arise from the use of this information to the maximum extent under the law.

Please contact your local Siemens branch office to get further information on environmental aspects and disposal.