



Environmental Product Declaration

Product	Type of equipment	Differential pressure sensor
	Designation	QBM4100-1D
		QBM4000-1
		QBM3020-1D
		QBM3020-1
		QBM2030-1U
Process control	Siemens Switzerland Ltd.	
	Building Technologies Division	
	Gubelstrasse 22	
	CH-6301-Zug	
	Management System certified	since by
	ISO 14001 (Environment)	20.10.1998 SQS
	ISO 9001 (Quality)	22.07.1986 SQS
Product use	Typical energy consumption	2 kWh/a
		Current I=0...20 mA; Voltage U=0...10 V; Power P=U x I= 10 V x 0.02 A = 0.2 W
	Maintenance	None
Risk of fire	Fire load	4 MJ
Packaging	20-PAP Corrugated board	Folded cardboard box (37g)

Materials		Total weight of device	variant	
Plastics	PC	Cover	variant	
	PC	Cover IP54	variant	
	PC	Housing P2	variant	
	PC	Housing P1	8g	
	PC	Cover	2g	
	NBR	O-ring	1g	
	PVC soft	Tubing	48g	
	PA66	Diaphragm separator for +/- Diaphragm	1g	
	ABS	Cover SBT	variant	
	PE	Cable gland entry	variant	
	ABS	Nipples for tubing 2 pieces	variant	
	PA	Pressure screw for clamp-cage	variant	
	POM	Clamp-cage	variant	
	CR 55Sh	Sealing ring for clamp-cage	variant	
	PC	Cover	variant	
	PC	Cover IP54	variant	
	Metals	St 10.9; chromated	Cheese head screw	1g
		Steel	Oval head screw 2 pieces	1g
		CuSn	Bolts 3 pieces	1g
		Steel	Self-tapping screw 4 pieces	variant
Others	Cover: PVC	LCD > 100 cm ²	variant	
	PA6.6 GV, CuZn, Al. Elox., NBR, St vz chromatiert	Plug circular connector coupling with threaded coupling	variant	
	PUR, CuZn, CuZn chromeplated, Cr	Plug circular connector for front mounting	variant	
	Float glass	Glass plate, force sensor	5g	
	NdFeB	Magnet BMN-38SH, Diaphragm	1g	
		Ceramic Capacitors 6 pieces, lever	1g	
	Al203 96%	Ceramic lever	1g	
	PBT	Diaphragm complete for magnet and disc	variant	
PCB assembled	FR4	Print digital universal	19g	

The total weight of a device may deviate from the total of the weights of all individual components due to rounding.

Varianten Stückliste	QBM4100-1D	QBM4000-1	QBM3020-1D	QBM3020-1	QBM2030-1U
Total weight (g)	238	229	151	143	144
Cover	<1	<1	<1	<1	
Cover IP54	15	16	15	16	
Housing P2	39	39	39	39	
Cover SBT					12
Cable gland entry					2
Nipples for tubing 2 pieces					5
Pressure screw for clamp-cage				3	
Clamp-cage		<1		<1	
Sealing ring for clamp-cage		1		1	

Varianten Stückliste	QBM4100-1D	QBM4000-1	QBM3020-1D	QBM3020-1	QBM2030-1U
Self-tapping screw 4 pieces					2
LCD > 100 cm ²	12		12		
Plug circular connector coupling with threaded coupling	43	43			
Plug circular connector for front mounting	44	44			
Diaphragm complete for magnet and disc		2			

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.)

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 Ltd. 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.