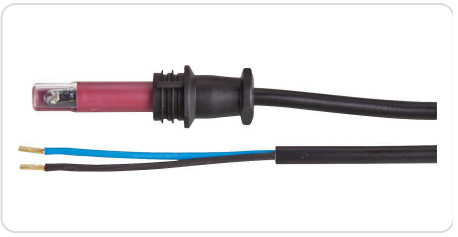
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PRODUCT DATA SHEET · ISSUE DATE 2026-11-11

Photo resistor QRB 1 B with plug 700 long

Item number: 2001603 · Brand: Siemens
Category: Accessories



Technical data

General

QRB1...A with large	QRB1...A with small	QRB1...B	QRB3... with
Photo Resistive	QRB1...		
Flame Detectors	QRB3...		

Standards and certificates

burner control	- Electromagnetic compatibility EMC (immunity)	2004/108/EG
Certificate 00739	Certificate 38233	

Mechanical design

General	Compact photo resistive flame detector with infused 2-wire thermoplastic cable.

with the flame.

Accessories QRB1...	• Small flange, 21 mm spacing, plastic version

Type summary

(version without plug)	Small flange, 21 mm spacing	4 241 1462 0
Large flange, 36 mm spacing	4 241 1600 0	
Clamp	4 186 1096 0	

[1]) To be specified when ordering individual items

Flange	4 286 1490 0
Clamp	4 186 8806 0

When ordering, please give type reference according to «Type summary».

Example	QRB1A-A035B40A • Sensitivity: Normal

Technical data

General detector data	Degree of protection	IP40
Detector cable (only QRB1…)	Stranded copper wire 2 x 0.75 mm²	

Environmental

Storage	DIN EN60721-3-1

conditions

Climatic conditions	Class 1K3
Mechanical conditions	Class 1M2
Transport	DIN EN60 721-3-2
Climatic conditions	Class 2K2
Mechanical conditions	Class 2M2
Operation	DIN EN60 721-3-3
Climatic conditions	Class 3K5
Mechanical conditions	Class 2M2

Dimensions (W × H × D)

Dimensions (W × H × D)	(cont'd)

Item data

Cable length [m]	0,70
Light sensitivity	medium
Plug	Yes
Housing length [mm]	50
Connection	Cable 2-core
Cable length [mm]	680
Housing material	Plastic
Designation	from 2015: Photo resistor QRB 1 B
Position	18
Brand	Siemens
Manufacturer article number	BPZ:QRB1B-A068B70B

Source: manufacturer's data: Datenblatt · Technische Daten des Artikels (Lieferantendaten).
Own product data sheet based on the manufacturer's data; values transferred unchanged. The energy label and the EU

product information sheet (EPREL) are authoritative for energy labelling. Errors and technical changes by the manufacturer excepted.

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