

# Dräger REGARD Optical card Control card

A single channel control card specifically for Infrared gas detections with local display, 2 gas alarm levels, 2 fault levels, repeat 4 to 20 mA and a remote reset input.



D-15086-2009

The Dräger REGARD Optical card is a single channel control card, which supports the point and line of sight infrared gas detectors. Separate alarm relays differentiate between 'dirty optics' and 'beam block'. The control card is fully configurable to match the parameters of the associated gas detector. The control card is fully independent and stand alone, or can be addressed to interface with other system cards.

### FEATURES AND BENEFITS

- Measuring for Ex
- Suitable for Polytron IR and Polytron Pulsar
- Fully configurable
- Simple operation
- Continuous display
- Password protected



ST-477-2001

Dräger REGARD Optical card

### TECHNICAL DATA

Control card	Local alphanumeric display Front panel push buttons Front panel LED's
Inputs	Polytron IR or Polytron Pulsar Remote reset
Outputs	A1, A2, A3/F and WARN alarm relays Repeat 4...20 mA
Supply	24 VDC; 125 mA
Measuring ranges	Variable
Units of measure	%LEL, LELm and many others
Gas names	User definable
Approvals	Tested to EN 50270 for EMC directive ATEX II (2)G Acc. to Directive 94/9/EC
Safety Integrity Level	SIL2 certified by exida (IEC 61508)

### ORDER INFORMATION

Dräger REGARD Optical card	42 06 085
Dräger REGARD Optical card (ATEX)	42 06 721

**HEADQUARTERS**

Dräger Safety AG & Co. KGaA  
Revalstrasse 1  
23560 Lübeck, Germany

[www.draeger.com](http://www.draeger.com)

**SYSTEM CENTERS****P. R. CHINA**

Beijing Fortune Draeger Safety  
Equipment Co., Ltd.  
A22 Yu An Rd, B Area,  
Tianzhu Airport Industrial Zone,  
Shunyi District, Beijing 101300  
Tel +86 10 80 49 80 00  
Fax +86 10 80 49 80 05

**GERMANY**

Dräger Safety AG & Co. KGaA  
Revalstrasse 1  
23560 Lübeck  
Tel +49 451 882-2794  
Fax +49 451 882-4991

**FRANCE**

Dräger Safety France SAS  
3c route de la Fédération, BP 80141  
67025 Strasbourg Cedex 1  
Tel +33 3 88 40 59 29  
Fax +33 3 88 40 76 67

**SINGAPORE**

Draeger Safety Asia Pte Ltd  
67 Ayer Rajah Crescent #06-03  
Singapore 139950  
Tel +65 68 72 92 88  
Fax +65 65 12 19 08

**UNITED KINGDOM**

Draeger Safety UK Ltd.  
Blyth Riverside Business Park  
Blyth, Northumberland NE24 4RG  
Tel +44 1670 352 891  
Fax +44 1670 544 475

**USA**

Draeger Safety, Inc.  
505 Julie Rivers, Suite 150  
Sugar Land, TX 77478  
Tel +1 281 498 1082  
Fax +1 281 498 5190