UTC Fire & Security
A United Technologies Company

2000 Series Optical Detector with 7-segment Display and Remote LED Output

DP2071

The DP2071 is a 2000 series protocol, addressable optical detector. It is equipped with a field-exchangeable optical block as well as an exclusive 7-segment display that provides comprehensive, on the spot information. In addition to alarm signaling, information such as fault, pre-alarm, maintenance alarm (clean me), disable, test, error (double address, wrong sensor type) and sensor polling are indicated locally on the device.

Specifications

Operating voltage	17 - 28 VDC
Current consumption	
Quiescent @ 24 VDC	< 150 microA
Alarm @ 24 VDC	4 mA
Alarm indication	LED and 7-Seg. Disp.
Remote alarm output	4 mA
Environmental	
Humidity (noncond.)	10 - 95%
Storage temperature	-10°C to +70°C
Operating temperature	-10°C to +60°C
IP rating	IP43
Physical	
Dimensions (Ø x h)	10 x 5 cm
Colour	White
Weight	118 g
Coverage	
Area	80 m²
Height	3.8 to 4.2 m
Compliance	EN54-7

Ordering Information

DP2071	2000 Series Optical Detector with 7-segment Display and Remote LED Output
DB2002	2000 Series Base 10 cm, 5 Terminals
DB2002U	2000 Series Base 15 cm, 5 Terminals
DB2004	2000 Series Deep Base, 5 Terminals
DB2016	2000 Series Isolating Base
AI672	Optical Remote Indicator
AI673	Optical and Accustical Remote Indicator
211	Optical Replacement Chamber for 400, 500, 700 and 2000 Series Detectors
DP2CAP-ICT	2000/700 Series Insect Protection Cap

• 7-segment display
• Remote test capabilities
• Remote signalling capabilities
• Optical sensor with field exchangeable optical chamber
• Easy numeric addressing (1-128)
• Enhanced communication protocol
• Full diagnostic self testing
• Polarity insensitive
• Full range of detectors available
• Full range of I/0 units and accessories
• Isolator base
• EN54 and VdS approved