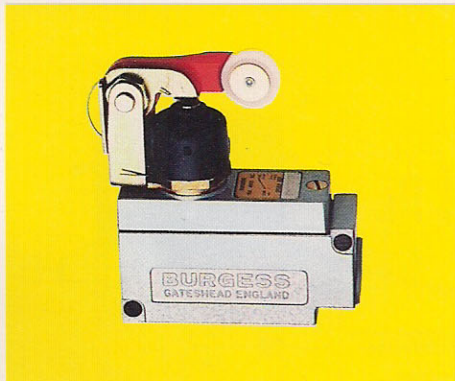
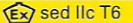


Burgess Explosion-Proof Switches

E1M9CTQMSA



Code Name Eagle
Actuator Fully adjustable lever with free-running roller
Mechanism Single-pole, snap-action, changeover. Insert switch E1CT2Q/1879, see page 200
Explosion-proof Certification Specification BASEEFA, Ref. Ex 77185/B BS4683, Part 4, and SFA 3009

Data	 sed IIc T6	See page 74
Usage and Qualifications	Certified equipment for Zone 1 hazardous areas. Installation should be carried out in accordance with Code of Practice BS5345, Part 6, and a cable gland to BS6121 (except types A1, A3 and B) should be fitted Recommended maximum 15A, 480 Vac.	
Electrical Rating		
Pre-travel (max)	10°	
Movement Differential (max)	0.5°	
Available Overtravel	6.5°	
Actuating Force (max)	5.6 N	20 ozf
Release Force (min)	1.7 N	6 ozf
Terminals	Three M3 screws with non-rotating washers and lockwashers	
Conduit Entry	Screwed M20 x 1.5	
Mechanical Life	Between 100,000 and 1,000,000 operations	
Enclosure	Lid and housing in aluminium. IEC code IP67, NEMA type 6, when installed as recommended with cable gland or conduit sealed into entry. Also available in stainless steel (316S16)	
Temperature	-10° to +85°C	
Weight	250 g max	

This switch and other Burgess Explosion-proof models are described in detail on pages 74-76

