

Explosion isolation valve



Fike's explosion isolation pinch valve

Fike, Blue Springs, MO, has further extended its range of explosion protection systems with the introduction of a pneumatically operated explosion isolation pinch valve (EIPV). It consists of a heavy-duty cast valve body containing a rugged elastomeric sleeve. Immediately an explosion is detected, compressed air is released at high speed and within milliseconds the sleeve is pinched to full closure, preventing explosion propagation beyond the valve.

Extensive testing has shown that the device can reliably block explosion pressures of 3 bar. To achieve this activation, the EIPV uses a new solenoid output version of the company's EPACO control system. Fike Europe is based in Herentals, Belgium. www.fike.com