

universal limit switch box
ATEX II 2GD EEx ia IIC T6
> stainless steel shaft

[short name: PR.EX*](#)



technical product sheet

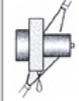
Typ	IP	Ausf	kg	Art.-Nr.
mit Sichtfenster	IP67	induktiv	0,000	PRIS-UNI-EX-S
geschlossen	IP67	induktiv	0,000	PRIS-UNI-EX-G

available material: ask

Industrial valves > ball valves > with actuator > pneumatic > accessories > ATEX > position feedback > universal ATEX

full description: universal limit switch box
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> stainless steel shaft



DIN EN 60529			
Schutz gegen...	Strahlwasser	Starkes Strahlwasser	Zeitweise Untertauchen
 IP 6x Staubdicht	IP 65	IP 66	IP 67

Properties:

Housing: Latiohm (PA12)

Shaft: Latiohm (PA) or Stainless steel

Type of protection (DIN 40 050): IP67

Ambient temperature: -40°C to +80°C

Cable entry: Threaded cable connection M20*

Cable diameter: 8 - 13 mm*

Design: acc. to VDE/VDI 3845 or NAMUR

*) Other parameters available on request

Available equipment:

- P+F NJ5-11-N-G inductive sensors
(2 pieces or 1 piece position "open" or "closed")
- TURCK NI5-G12-Y1 inductive sensors
(2 pieces or 1 piece position "open" or "closed")
- additionally solenoid valve connection (single or double)

The universal limit switch boxes can be mounted without an additional mounting bracket on all actuator brands equipped with an interface designed according to VDI/VDE 3845. This allows fast mounting and makes it easy to store and maintain a stock of replacement parts.

Compare the protection types acc. to DIN EN 60529:

IP 65: Housing is dustproof and protected against sprayed water

IP 67: housing is dustproof and protected against strongly sprayed water

IP 68: Housing is dustproof and protected against temporary immersion in water

ATEX II 2GD EEx ia IIC T6

> II 2GD:

Potentially explosive areas with occasional occurrences of flammable substances (Zone 1) such as: gases, fumes, vapors (G), and dust (D)

> E:

European standards (EN)

> Ex:

Standard on explosion protection,
Energy limitation of the circuit, sparks, and temperatures

> ia:

Intrinsic safety

> IIC T6:

Explosion group (IIC) in dependency on the temperature (T6):

The maximum permissible surface temperature of the equipment in an atmosphere of flammable substances such as ammonia, methane, propane, or hydrogen, for example, is only 85°C!



mit Sichtfenster