

**Safely and reliably
detect objects in explosion protected areas**

EXPANDED EX PORTFOLIO: INDUCTIVE SENSORS FOR EXPLOSION PROTECTED AREAS

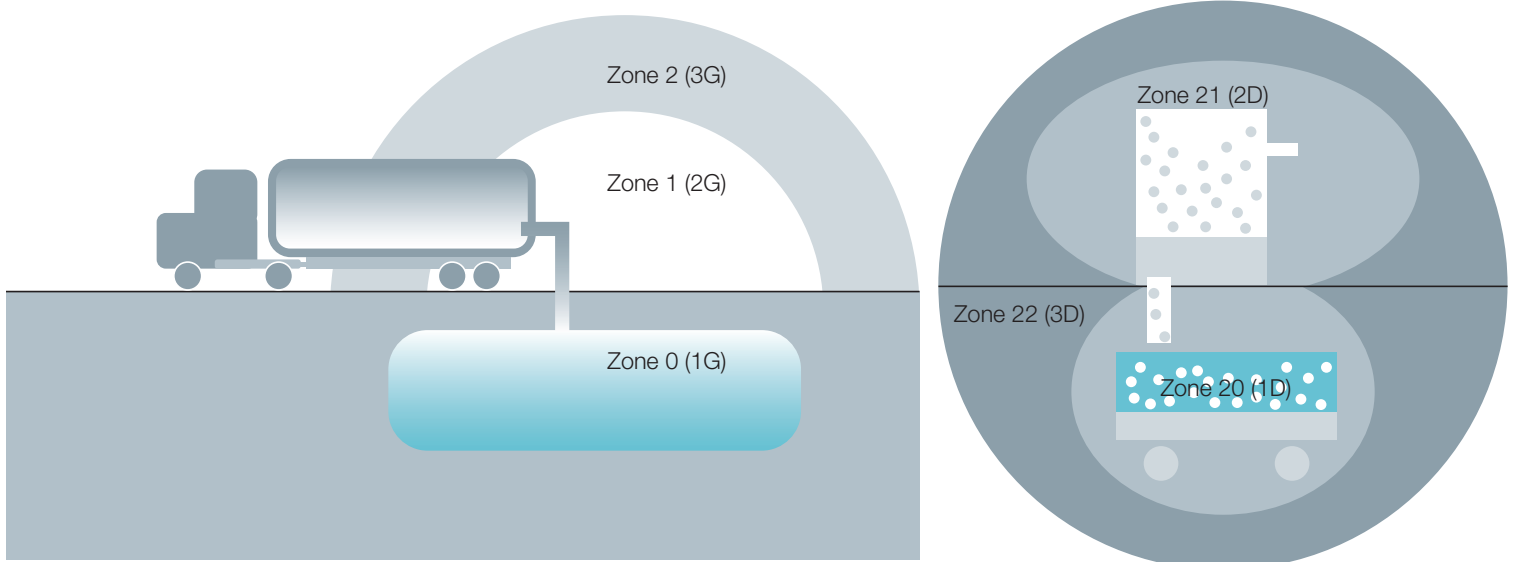
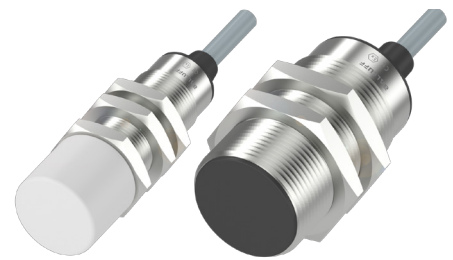
The new inductive portfolio for explosion protected areas is approved for all Ex zones and offers you reliable detection and positioning in explosion hazard dust and gas atmospheres.

The sensor families are available in M18 and M30, so that you can solve a variety of applications. Their inductive switching principle guarantees you non-contact and wear-free switching. This applies to both the compact devices as well as the intrinsically safe devices, which of course include a variety of compatible accessories. Good to know: thanks to the uniform standard connections and cable versions, our Ex sensors are easy to install.

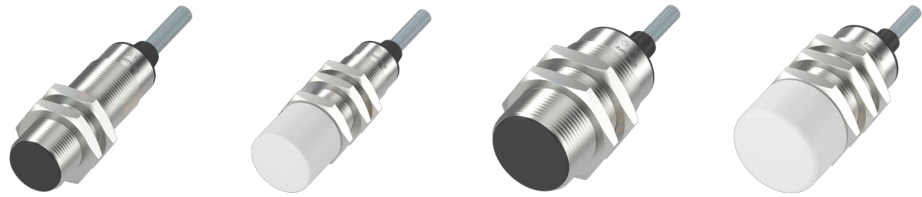
Features

- Handle any installation conditions: common form factors M18 and M30 for flush and non-flush mounting
- For Atex zones 0 und 20
- Fast installation and replacement using standardized connections

Further sensors for explosion protected areas can be found on www.balluff.com



INDUCTIVE
EX SENSORS
COMPACT
ZONES 0/20



	BES05L2	BES05L3	BES05L4	BES05L5
Model	M18 × 1	M18 × 1	M30 × 1.5	M30 × 1.5
Installation type	Flush	Non-flush	Flush	Non-flush
Switching distance	5 mm	8 mm	10 mm	15 mm
Output function	PNP NO	PNP NO	PNP NO	PNP NO
Supply voltage	18...27 V DC	18...27 V DC	18...27 V DC	18...27 V DC
Degree of protection	IP67	IP67	IP67	IP67
Ambient temperature	-20...+60 °C	-20...+60 °C	-20...+60 °C	-20...+60 °C
Housing material	Brass, coated	Brass, coated	Brass, coated	Brass, coated
Connection	2 m PUR cable	2 m PUR cable	2 m PUR cable	2 m PUR cable
Ex zone	0, 20	0, 20	0, 20	0, 20
Approval/conformity	CE, EAC, ATEX, IECEx	CE, EAC, ATEX, IECEx	CE, EAC, ATEX, IECEx	CE, EAC, ATEX, IECEx