





Overview and order information of load cells for hazardous areas

Please note: Our standard load cells do not include certification for hazardous areas. These can be requested when ordering as described below.

Minebea intec <i>The true measure</i>	 ATEX Zone / Category						 Zone					
	Gas			Dust			Gas			Dust		
	0	1	2	20	21	22	0	1	2	20	21	22
	II 1G	II 2G	II 3G	II 1D	II 2D	II 3D						
PR 6201	A	A	B	C	C	B	A	A		C	C	
PR 6202	A	A	B	C	C	B	A	A		C	C	
Inteco (PR 6203)	A	A	B	C	C	B	A	A		C	C	
PR 6211			B			B						
PR 6212	A	A	B	C	C	B	A	A		C	C	
PR 6221	A	A	B	C	C	B	A	A		C	C	
Pendeo Truck (PR 6224)			B			B						
PR 6241	A	A	B	C	C	B	A	A		C	C	
Novego (PR 6261)	A	A	B	C	C	B	A	A		C	C	
Contego		A	B		C	B						
PR 6246	A	A	B	C	C	B	A	A		C	C	
PR 6251	A	A	B	C	C	B	A	A		C	C	

Minebea intec <i>The true measure</i>	 Zone						 Class / Division					
	Gas			Dust			Gas		Dust		Fibers	
	0	1	2	20	21	22	Class 1		Class 2		Class 3	
							Div. 1	Div. 2	Div. 1	Div. 2	Div. 1	Div. 2
PR 6201	A	A	B	C	C	B	D	D	D	D	D	D
PR 6202							D	D	D	D	D	D
Inteco (PR 6203)							D	D	D	D	D	D
PR 6211							D	D	D	D	D	D
PR 6212	A	A	B	C	C	B	D	D	D	D	D	D
PR 6221							D	D	D	D	D	D
Pendeo Truck (PR 6224)												
PR 6241							D	D	D	D	D	D
Novego (PR 6261)	A	A	B	C	C	B						
Contego												
PR 6246							D	D	D	D	D	D
PR 6251							D	D	D	D	D	D

	Order	Label	Notes	Example Inteco/2tC3	
A	EX-Loadcell without further specifications	Ex ia IIC T6 Ga	Supply of the load cell with intrinsically safe source (e.g. PR 1626/60 or electronics with option WE1).	9405 603 03220	Inteco/2tC3E
B	Standard Loadcell with specification "Zone 2/22"	Ex nA IIC T6 Gc Ex tc IIIC T85°C Dc	-	9405 203 03220 + Zone 2/22	Inteco/2tC3
C	Standard Loadcell with specification "Zone 20/21"	Ex ta IIIC T160°C Da	Supply of the load cell with ia circuit for zone 20 and at least ib circuit for zone 21.	9405 203 03220 + Zone 20/21	Inteco/2tC3
D	Standard Loadcell with specification "FM"	IS CL I, II, III DIV 1, GP A,B,C,D,E,F,G NI CL I, II, III, DIV 2, GP A,B,C,D,E,F,G	IS: Supply of the load cell with intrinsically safe source (e.g. YDI05-Z). NI: Supply of the load cell with NIFW approved current circuits (e.g. PR 5900 with option Y3).	9405 203 03220 + FM	Inteco/2tC3