



Counter, timer, tachometer and clock

A variety of FM and ATEX certified displays many different functions can be realized with them. They can be used as a counter, timer, tachometer or watches. They have two inputs. As a result, they can be used for counting interval measurements, speed and quadratic input signal evaluation. Limit messages are available as an option. Atex and FM intrinsically safe or type nL (zone 2) two separate displays, two inputs make it possible to evaluate quadratic input signals and display speed and position control. Stable field GRP housing with separate terminal compartment IP66. Panel mounted instruments IP65 (front). Option: backlight, pulse and 4 / 20mA outputs.

Technical specifications

- Explosion protection**
Ex [ia] IIC T4
- Certification**
ITS 01 ATEX 2003/4
All gas and dust zones
- Protection**
IP66 Field device/ IP65 Build-in appliances
Power supply via a safety barrier or galvanic isolator min 10V
- Current**
12mA
- Input signal**
A+B switch closed smaller 100Ω
open bigger then 1kΩ
- Proximity switch**
Two wire namur
- Magnetic switch**
40mV pulse to pulse
- Voltage signal(Pulse)**
Low 1 V
High 3V
- Frequency switch**
Max. 100Hz
Inis max 5 kHz



Type	Mounting	Input	Supply	Certification
Intrinsically safe for use in gas and dust Ex-areas.				
BA 334D	Field device	Pulse	external	ATEX Gruppe II Categorie 2G Ex [ia] IIC T5
BA 338C	Panel mounting	Pulse	external	
BA 344D	Field device	Pulse	Internal battery	
BA 354D	Field device	4/20 mA	Current curcuit	
BA 358C	Panel mounting	4/20 mA	Current curcuit	
Type nL for use in gas and dust Ex zone 2				
BA 334ND	Field device	Pulse	external	ATEX Gruppe III Categorie 3G Ex [ia] IIC T5
BA 354ND	Field device	4/20 mA	Current curcuit	
General Purpose				
BA 354D	Field device	Pulse	external	
BA 538C	Panel mounting	Pulse	external	
BA 544D	Field device	Pulse	Internal battery	
BA 554D	Field device	4/20 mA	Current curcuit	
BA 558C	Panel mounting	4/20 mA	Current curcuit	