

New display, type DFOx

Launch presentation



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New display, type DFOx FlexView compared to DFOx

		
Model	FlexView	DFOx
Display	-9999...9999	-9999...99999
Input	4-20 mA	4-20 mA
Accuracy	<0,1%	<0,1%
Output	none	2×relay
Operating temperature	-20...+70°C	-30...+80°C
Protection class	IP65	IP67
Approvals	EX	none
Additional data	LCD display Configurable by FlexProgrammer EX-versions	Graphical display Configurable by FlexProgrammer EX-vesion pending White, Green, Red back light 8 diffenent display modes ColourView warning set up Programmable by touch screen

New display, type DFOx

DFON – features – USP for SU's

The FlexView display is now replaced by the new DFOx display.
DFOx = Graphical display with **ColourView** indication.

- **8 display modes**
 - *No other competitors has all these possibilities*
- **Background colour change and/or blinking**
 - *No other competitors has this – unique Baumer*
- **Warning text**
 - *Gives instructions to the operator*
- **2 relays**
 - *Competitors are PNP = 3-wire*
- **Touch screen programmable**
 - *New feature from Baumer*
- **FlexProgrammer programmable**
 - *Special Baumer feature*



New display, type DFOx

USP – towards your customers

Graphic display for Ø80 mm housing

- Graphic display with back light
- Showing error and limits by steady or flashing colours = **ColourView**
- Fit Baumer Ø80 mm SS housing
- Floating or fixed decimal point
- Hygienic design
- Two configurable relay output
- Programmable by touch screen
- Easy and full programmable with FlexProgrammer 9701



New display, type DFOx

Display views, **ColourView** and Touch screen

Display modes:



Value
small/large figures



Bar graph
horizontal/vertical



Analogue
with value/bar graph



Tank illustration
tank/bottle

Colour change
and/or linking in
warning mode



Touch
screen



New display, type DFOx

DFOx – programmed by the FlexProgrammer

Set up:

DFON / DFOX 4 to 20mA loop powered Display

DTM Setup
DTM version: A/01
Language selection: Frame language

No manual - use Help (with red arrow pointing to Help button)

Display options:
Screen layout: 4 - Bar (vertical)
Backlight intensity: 100% (!)
(!) The intensity will automatically be reduced if loop current is below a certain level
(*) Low loop voltage drop mode
Display language: English
Menu timeout: 120 seconds

Password options:
Password protection: enabled
Password: 0000

Licensed features:
Feature: Relays
Status: Licensed
Note: Licensed features status is updated on upload from product

Product Identification:
Serial No.: 0
Tag: []
Date: 0 Year 1 Month 1 Day
Production date: 0 Year 1 Month 1 Day

Input:
Input 0%: 4,000 mA
Input 100%: 20,000 mA
Damping: 0 sec
Lin. correction:

Display output:
Display 0%: 0,000 bar
Display 100%: 100,000 bar
Display decimals: 2 decimals
Unit: bar

New display, type DFOx

DFOx – programmed by the FlexProgrammer

Set up:

	mA	bar	Display indication	Backlight indication
High error limit (He)	18,400	90,000	Display value	Red
High warning limit (Hw)	15,200	70,000	Display value	Red (blinking)
Normal display	-----	-----	-----	Green
Low warning limit (Lw)	5,600	10,000	Display value	Red (blinking)
Low error limit (Le)	4,640	4,000	Display value	Red

Red background

Blinking red/green background

Green background

Red background

Blinking red/green background

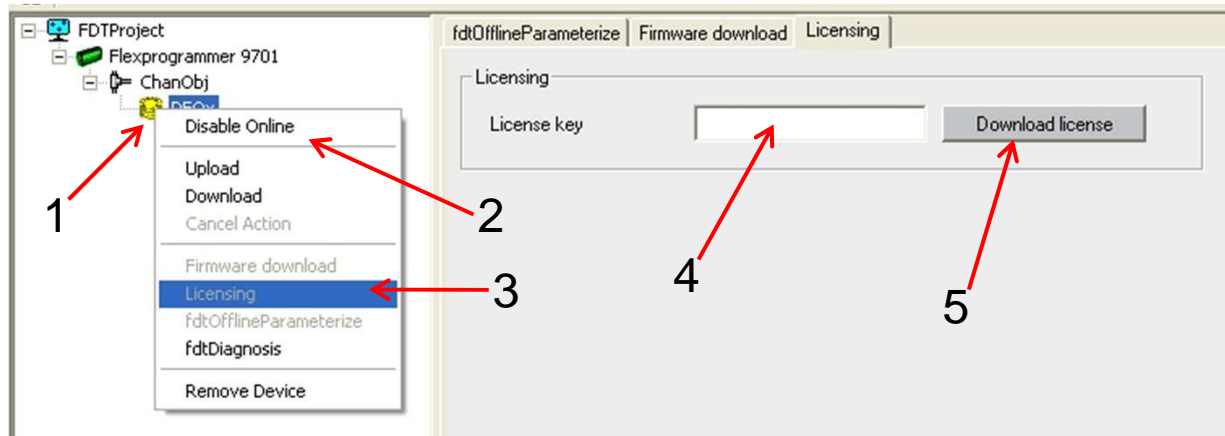
Green background

Red / White / Green background colour, and blinking

New display, type DFOx

DFOx – programmed by the FlexProgrammer

Activation code for relays:



For entering license key:

1. right click on DFOx symbol
2. enable Online
3. choose Licensing
4. enter the code
5. press Download license

License key will be needed to open the relay feature, if this is not done from factory.

A code can be issued by informing Us of the serial number of the DFOx (one code for each instrument is needed)

New display, type DFOx

DFOx – programmed by the FlexProgrammer

Relay set up:

Baumer DFON / DFOX
4 to 20mA loop powered Display

Relay

Min 3.5 mA RS Max 23 mA

Relay 1
Relay 2

4,000 mA 0,000 bar | Le Lw | Hw | RS | 20,000 mA 100,000 bar

Hysteresis

Relay 1 mode	Normally closed
Relay 1 set point (S)	4,000 bar
Relay 1 reset point (R)	3,500 bar
Relay 2 mode	Normally open
Relay 2 set point (S)	90,000 bar
Relay 2 reset point (R)	89,000 bar

ColourView as from Error indication

Hysteresis

Relay function:

Normally closed
Always open
Always closed
Normally open
Normally closed

New display, type DFOx

Specifikations

Input:	4-20 mA
Supply:	Loop powered
Output:	2 x relay (230V 100 mA, 30 Ω)
Accuracy:	$\pm 0,1\%$ FS
Long time stability:	$\pm 0,1\%$ FS / year
Display:	Graphic with back light
Digits:	-9999...99999
Decimal point:	Free configurable or floating
Colours:	Back light in white , red or green
ColourView	steady or flashing
Programming:	Touch screen or FlexProgrammer 9701
Dimension:	$\varnothing 80$ mm Fits $\varnothing 80$ mm housing and coming FlexHousing
Accessories:	$\varnothing 80$ mm SS housing for wall mounting