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| Installation | Selection and installation of transmitters for WEKA Visual Level Indicators | 3 |
| Datasheet 20010501 | Installation Instructions (Datasheet 20010501) | 4 |
| Bi-stable reed | General information about bi-stable reed-switch type level transmitters | 5 |

WEKA transmitters: Resistant output or current supplied voltage output (3-wire)

| Transmitter | Media temperature | Connection | |
|-------------------------|-------------------|-----------------|---|
| 29710 | -50°C ... +150°C | Cable, shielded | 6 |
| 29710-W | -50°C ... +350°C | Cable | 7 |

WEKA transmitters: Current output 4...20mA (2-wire)

| Transmitter | Media temperature | Connection | |
|---------------------------|-------------------|---------------------|----|
| 31987 | -50°C ... +150°C | Cable, shielded | 8 |
| 31987-W | -50°C ... +250°C | Cable, halogen-free | 9 |
| 31987-K | -50°C ... +150°C | Terminal box | 10 |
| 31987-KST | -50°C ... +150°C | Plug-in connector | 11 |

WEKA transmitters for hazardous areas: Intrinsically safe (Ex I)
Resistant output, current supplied voltage output (3-wire) or current output 4...20mA (2-wire)

| Transmitter | Media temperature | Connection | Marking | |
|--------------------------|-------------------|---------------------|--------------------------------------------------|----|
| 29710-NI | -50°C ... +150°C | Cable, halogen-free | II 2 G Ex ia IIC T4 Gb II 2 D Ex ia III C T115°C | 12 |
| 32807-NI | -50°C ... +150°C | Cable, halogen-free | II 2 G Ex ia IIC T4 Gb II 2 D Ex ia III C T115°C | 14 |

WEKA transmitters for hazardous areas: Flameproof enclosures (Ex d)
Resistant output, current supplied voltage output (3-wire) or current output 4...20mA (2-wire)

| Transmitter | Media temperature | Connection | Marking | |
|--------------------------|-------------------|---------------------|----------------------------------------------------|----|
| 29710-ND | -50°C ... +150°C | Cable, halogen-free | II 2 G Ex db IIC T6 Gb II 2 D Ex tb III C T85°C Db | 16 |
| 32808-ND | -50°C ... +150°C | Cable, halogen-free | II 2 G Ex db IIC T6 Gb II 2 D Ex tb III C T85°C Db | 18 |

WEKA transmitters for use with HART®, Profibus PA® or Foundation Fieldbus™ converter module interface
4...20mA current output or resistance output

| WEKA transmitters with resistance output or current supplied voltage output | | | | |
|-----------------------------------------------------------------------------|-------------------|---------------------|------------------|--------------|
| Transmitter | Media temperature | Connection | Protection class | Certificate |
| 29710-R | -50°C ... +150°C | Cable, shielded | Non-hazardous | - |
| 29710-R-NI | -50°C ... +150°C | Cable, halogen-free | Ex i | see 29710-NI |
| 29710-R-W | -50°C ... +350°C | Cable | Non-hazardous | - |
| 29710-R-ND | -50°C ... +150°C | Cable, halogen-free | Ex d | see 29710-ND |

Differenz to 29710, 29710-NI, 29710-W and 29710-ND is only the extended measuring length Mel.

4...20mA converter with diagnostic functions, ready to connect, mounted in junction box

| Converter | Description | Compatible transmitters | |
|-----------------------------|--------------------------------------------|-------------------------|----|
| SC-10 45755 | 4...20mA converter in IP65 metal enclosure | 29710-xx | 24 |

HART® converter, ready to connect, mounted in junction box

| Converter | Description | Compatible transmitters | |
|----------------------------|--------------------------------------------------------------|--------------------------|----|
| HART 37983 | HART® converter in IP65 metal enclosure | 29710-R and 29710-R-W | 25 |
| HART 40038 | HART® converter in IP65 metal enclosure with digital display | 29710-R and 29710-R-W | 26 |
| HART 37984 | HART® converter - Intrinsically safe | 29710-R-NI and 29710-R-W | 27 |
| HART 38021 | HART® converter - Flameproof enclosures | 29710-R-ND | 28 |

Profibus PA® and Foundation Fieldbus™ converter, ready to connect, mounted in junction box

| Converter | Description | Compatible transmitters | |
|-----------------------------|--------------------------------------------------------|-------------------------|----|
| PA+FF 40268 | Profibus PA® and FF™ converter in IP65 metal enclosure | 29710-R and 29710-R-W | 29 |

| | | |
|-------------------------|------------------------------------------------------------|----|
| Ex-Info | Classification of hazardous zones and marking of equipment | 30 |
| Ex-5.7 | Extract of standard of simple electrical apparatus | 31 |