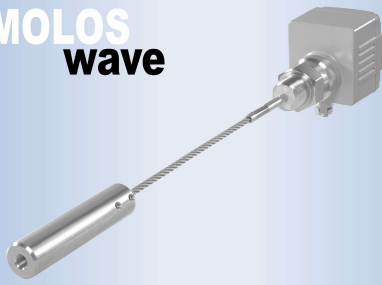


	Guided wave radar	MOLOS_{wave}	1
Level measurement	Yo-Yo sensing systems	MOLOS_{bob}	2
	Visualization	MOLOS_{visu}	3
	Rotation	MOLOS_{roto}	4
	Membrane	MOLOS_{membran}	5
Level indicator	Vibration	MOLOS_{vibro}	6
	Microwave barrier	MOLOS_{barrier}	7
	Pendulum	MOLOS_{pendu}	8
	Coding	MOLOS_{code}	9
Hose couplings	Limit switch	MOLOS_{switch}	10
	Swivelling lever	MOLOS_{swing}	11
	Lockable couplings	MOLOS_{lock}	12
	Overload protection	MOLOS_{safe}	13
	Silo filling device	MOLOS_{safe}	14
Bulk solids handling	Pressure device	MOLOS_{pressdec}	15
	Microwave flow sensor	MOLOS_{flow}	16
	Pinch valves	MOLOS_{valve}	17

1

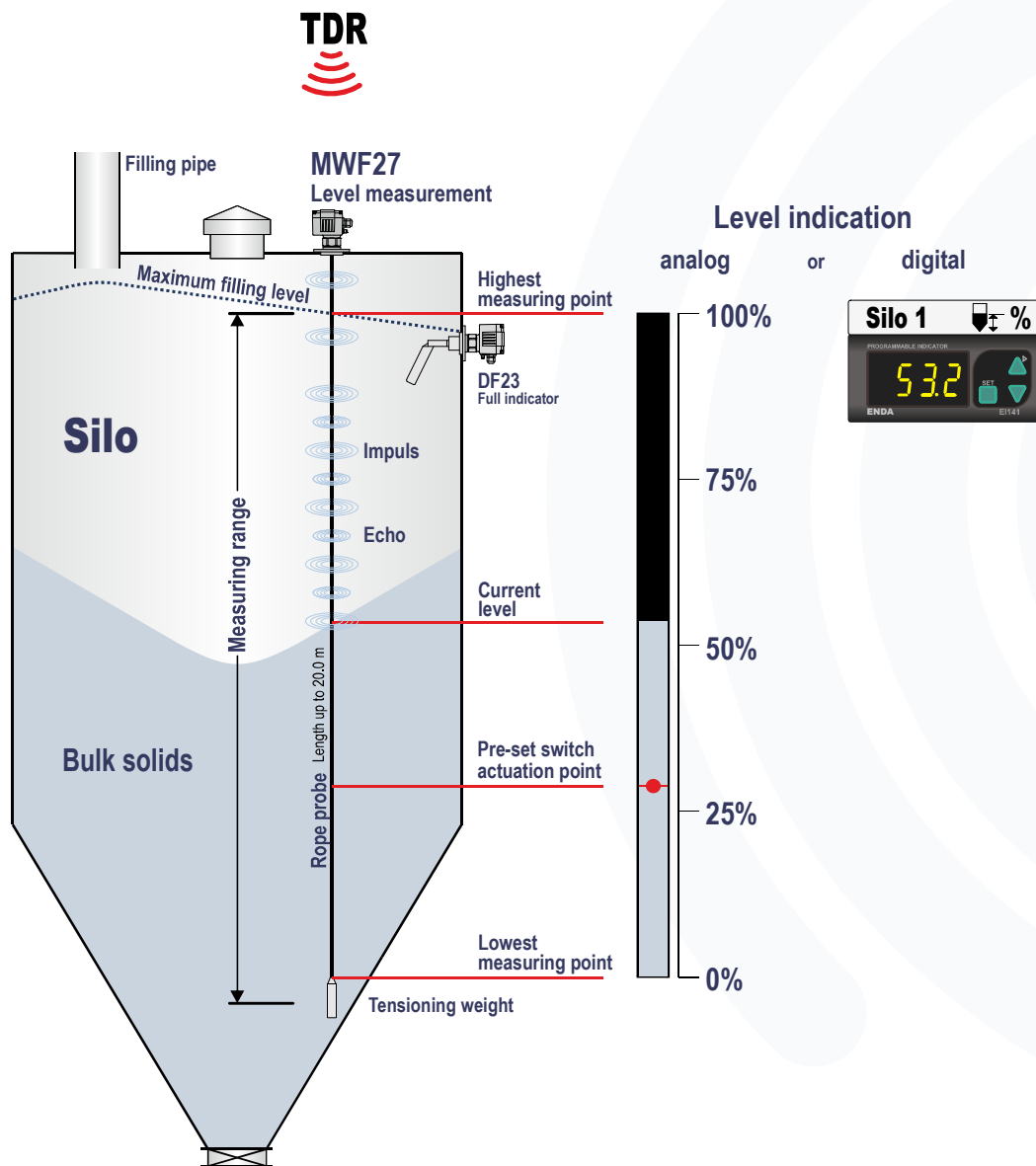
MOLOS
wave



Advantages of MOLOSwave level measurement device:

- use in potentially explosive atmospheres, category 1/2D
- measuring range with rope probe up to 20 m
- high reliability due to 4-wire-technology
- insensitive against dust, caking and condensate
- no wear and maintenance-free operation

Guided wave radar for continuous level measurement of bulk solids.



02_MWF-AB-01_10-14_de.CDR

Selection list

MWF21

with rod probe

ATEX option

B1 **Dust**



II 1/2D Ex ta[ia]/tb IIIC T 86 °C

Basic device

Choice of options with surcharges

Housing selection

- A1 **Standard** Compact aluminium housing
- A2 Stainless steel compact housing
- other housings on request

Certifications, certificates, approvals

- B0 **Standard** = CE conform and IP66
- B1 **ATEX** II 1/2D T86°C IP66 **Dust**
- Further approvals on request

Supply voltage / Supply

- C65 12 V DC ... 30 V DC
- other voltages on request

Bulk goods temperature / T (Process)

- E0 **Standard** = -20°C...+70°C
- E1 -40°C...+150°C
- higher temperatures on request

Process connection

- G1 Thread G1 DIN/ISO 228
- G2 Thread G1¼ DIN/ISO 228
- G3 Thread G1½ DIN/ISO 228
- F1 Flange F70 Ø110, 4xØ9, Lk90
- F2 Flange F100 150x150, 4xØ18, Lk170
- F5 Flange DN32 PN 10

Material of process connection

- A Aluminium
- I Stainless steel 1.4571 / 316Ti

Jib extension

- LW length Rod probe every 0.1 m
- 0 0 . 0 enter required length in **XX.X** m
- min. 00.5 m, max. 03.0 m

MWF21 ← Order code

Selection list

MWF27

with rope probe

Basic device

Choice of options with surcharges

Housing selection

- A1 **Standard** Compact aluminium housing
- A2 Stainless steel compact housing
- other housings on request

Certifications, certificates, approvals

- B0 **Standard** = C € conform and IP66
- B1** ATEX II 1/2D T86°C IP66 **Dust**
- Further approvals on request

Supply voltage / Supply

- C65 12 V DC ... 30 V DC
- other voltages on request

Bulk goods temperature/ $T_{(Process)}$

- E0 **Standard** = -20°C...+70°C
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Process connection

- G1 Thread G1 DIN/ISO 228
- G2 Thread G1¼ DIN/ISO 228
- G3 Thread G1½ DIN/ISO 228
- F1 Flange F70 Ø110, 4xØ9, Lk90
- F2 Flange F100 150x150, 4xØ18, Lk170
- F5 Flange DN32 PN 10

Material of process connection

- A Aluminium
- I Stainless steel 1.4571 / 316Ti

Jib extension

- LS length wire rope probe every 0.1 m
- 0 0 . 0 enter required length in **XX.X** m
- min. 0.1.0 m, max. 20.0 m

ATEX option

B1 **Dust**



II 1/2D Ex ta[ia]/tb IIIC T 86 °C

MWF27 ← Order code

Selection list

MWF21

Accessories

Choice of accessories

SH	Weather protection hood with storm tape
KV1	2. cable gland
KV2	2. cable gland ATEX
SDK	Condensation protection
SDE	Condensation protection, stainless steel
RST-DAE-SSM12Ex	Condensation protection, stainless steel, ATEX

Hexagonal nuts made of stainless steel 1.4301 / 316Ti

SM1E	Hexagonal nut G1
SM2E	Hexagonal nut G1¼
SM3E	Hexagonal nut G1½

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