CONVEYING

FLEXCONTROL

GENERAL
Brand   Cimbria
Designation   Moduflex Flexcontrol

Cimbria Moduflex loading chute can be equipped with various kinds of electrical equipment depending on the type and function of the loading chute. Contact Cimbria Moduflex for further information.

Flexcontrol type	Application / Main function
Connecting plinth	Internal connections from motor, endstops, indicator etc. closed in connection plinth
T	For loading into tanker truck. For loading chutes with T-outlet. Function: Up/down movement: Automatically lowers the outlet when the tanker truck sinks.
F	For loading in open vehicle or pile. For loading chute with F-outlet. Function: Automatically hoisting of outlet when indicator gives a signal.
M	For loading into tanker truck and in open vehicle or pile. For loading chute with M-outlet. Function: As described under type T and F.
Filter	For loading chutes with integrated filter type F300, D300, K300, K400, N300, N400, HDF400 and K500 Function: Automatically cleaning of filter (adjustable duty circle) and fan start/stop.
Electrical FlexClose	Function: Closing cone opens automatically when loading into open vehicle.
FlexVib	Function: Vibrator is activated after loading process is completed (adjustable duty circle).
FlexFill	Function: Start/stop FlexFill. Can only be started when the T-outlet rests on tanker truck.
Electrical skirt	Function: Dust skirt is lowered when loading into flat bed truck and hoisted when loading into tanker truck.
FlexSeal	For loading into tanker trucks. Can be used when the loading chute is equipped with FlexClose or FlexFill. Function: FlexSeal is activated by "matr. start" (inflated) and re-activated by "matr. stop" (deflated). An adjustable timer (default setting: 10 sec) delays the matr. start signal until inflated and the hoisting until deflated
Inductive indicator	Function: Indication of open or closed closing cone. Indication for start signal of FlexFill Indication for Top Stop
P300H	For movement of chutes size 300 Function: Horizontal movement left – right
P300HR	For movement of chutes size 300 Function: Horizontal movement left – right and turning 180° forward – back
P400H	For movement of chutes size 400 Function: Horizontal movement left - right

When two or more FlexControls are combined, they are built into one unit. Available with full approval and certificates for location in ATEX zone 22 and 21.

CIMBRIA

CONVEYING

FLEXCONTROL

Cimbria Moduflex loading chute can be equipped with various kinds of electrical equipment depending on the type and function of the loading chute. Contact Cimbria Moduflex for further information.

Remote control type	Application / Main function
4 push buttons	For loading chutes type: T250, C300, S300, S400, S500, H300 and H400 with T- or F- outlet Function: Up-down-start-stop
4 push buttons + switch	For loading chutes type: T250, C300, S300, S400, S500, H300 and H400 with M outlet Function: Up-down-start-stop and switch between function T and F
5 push buttons	For loading chutes with integrated filter type F300, D300, K300, N300, HDF400, K400, N400 and K500 with T- or F-outlet Function: Up-down-start-stop-manual cleaning
5 push buttons + switch	For loading chutes with integrated filter type F300, D300, K300, N300, HDF400 K400 and N400 with M-outlet Function: Up-down-start-stop-manual cleaning and switch between function T and F
6 push buttons	For P300H, P400H combined with loading chutes type: C300, S300, H300, S400 and H400 with T- or F-outlet. Function: Up-down-start-stop-left-right
6 push buttons + switch	For P300H, P400H combined with loading chutes type: C300, S300, H300,S400 and H400 with M-outlet. Function: Up-down-start-stop-left-right and switch between function T and F
7 push buttons	For P300H, P400H combined with loading chutes with integrated filter type F300, D300, K300, K400, N300, N400 and HDF400 with T- or F-outlet. Function: Up-down-start-stop-left-right-manual cleaning
7 push buttons + switch	For P300H, P400H combined with loading chutes with integrated filter type F300, D300, K300, K400, N300, N400 and HDF400 with M-outlet. Function: Up-down-start-stop-left-right-manual cleaning and switch between function T and F
8 push buttons	For P300HR combined with loading chutes type: C300, S300, and H300 with T- or F-outlet. Function: Up-down-start-stop-left-right-forward-back
8 push buttons + switch	For P300HR combined with loading chutes type: C300, S300, and H300 with M-outlet. Function: Up-down-start-stop-left-right-forward-back
9 push buttons	For P300HR combined with loading chutes with integrated filter type F300, D300, K300 and N300, with T- or F-outlet. Function: Up-down-start-stop-left-right-forward-back-manual cleaning
9 push buttons + switch	For P300HR combined with loading chutes with integrated filter type F300, D300, K300 and N300 with M-outlet and switch between function T and F. Function: Up-down-start-stop-left-right-forward-back-manual cleaning

Operating panel: Same functions as remote control.

The remote controls are delivered complete with cable and relief wire. Available with full approval and certificates for location in ATEX zone 22 and 21
N.B. For zone 21: remote control with max. 8 buttons.

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