

Chromium carbide sensor coating

*"We are prepared to solve your most difficult and unusual applications."
FCI is dedicated to the design and manufacture of unique customer requirements.*



MT Series Flow Element

Description

Chromium carbide coatings protect the sensor and support structure in abrasive environments. The combination of FCI's no moving parts thermal sensor technology and chromium carbide coating result in a gas flow meter that is unparalleled in surviving the most severe abrasive process applications.

Industry Applications

- › Coal fired boilers
- › Scrubbers
- › Fly ash
- › Stack or chimney flow
- › Fluidizer bed combustion
- › Flue gas
- › Electrostatic precipitators
- › Blast furnace gas
- › Flare gas
- › Entrained particulates
- › Cyclone separators

FCI Model Availability

- › FLT93S FlexSwitch
- › MT Series multipoint mass flowmeter

How To Order

Please contact your local FCI Sales Representative to configure the part number using the following OIS information:

- › FLT93S, select a "W" in Box 4 and enter;
"316L stainless steel with chromium carbide coating"
- › For MT Series, select an asterisk (*) in Box 5 and enter;
"316 stainless steel with chromium carbide coating"

Other FCI proven custom product solutions include, but are not limited to:

- › Self-cleaning sensors
- › Quick disconnect sensors
- › Sensor coatings for corrosive processes
- › Custom extended sensor lengths
- › Custom process connections
- › Portable flowmeters
- › Self-calibrating flowmeters
- › Sun and wind enclosure shades
- › Instrument programming/communications setup
- › Flow conditioning and extreme process evaluations

Your local FCI Sales Representative is:

FCI FLUID COMPONENTS
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FCI is ISO 9001 certified/conformance to AS9000