RegulatorPID

+ double tick(double e_i)

+ RegulatorPID(double
  k, double T_i=0.0, double
  T_d=0.0, IntegType integration
  _type=IntegType::outside)

+ void setK(double k)

+ void setT_i(double T_i)

+ void setT_d(double T_d)

+ void setIntegrationType
  (IntegType integ_type)

+ IntegType getIntegration
  Type()

+ double getK()

+ double getT_i()

+ double getT_d()

+ void resetIntegrationPart()

+ void resetDerrivativePart()

+ void reset()