R&I-Fließschema Symbole

Apparate, Maschinen, Armaturen und Rohrleitungen nach DIN EN ISO 10628-2, PLT-Stellen nach DIN EN 62424. Gezeichnet von Deskely. Das Legendenblatt des Projekts hat Vorrang.

deskely

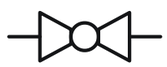
ARMATUREN



Absperrschieber
X8074



Durchgangsventil
X8068



Kugelhahn
X8071



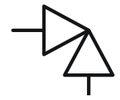
Rückschlagventil
X8077



Absperrklappe
X8075



Nadelventil
X8076



Eckventil
2102



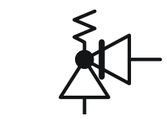
Dreiwegeventil
2103

STELLGERÄTE

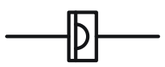


Stellventil
X8087

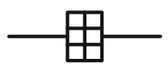
SICHERHEITSEINRICHTUNGEN



Sicherheitsventil
X2125



Berstscheibe
X8080



Flammendurchschlagsicherung
2036

PUMPEN UND VERDICHTER



Kreiselpumpe
2322



Verdrängerpumpe
X8094



Zahnradpumpe
8091



Schraubenspindelpumpe
8092



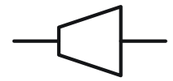
Turboverdichter
X8179



Kolbenverdichter
X8097



Ventilator, Gebläse
X8164



Turbine
2571

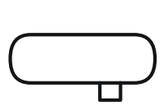


Rührwerk
2672

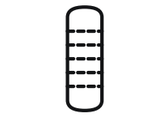
BEHÄLTER UND TANKS



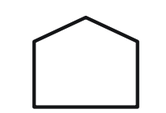
Stehender Behälter
2062



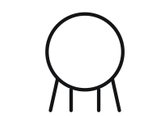
Liegender Behälter
2062



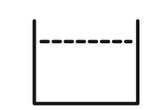
Kolonne
X8101



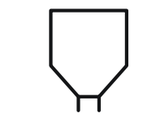
Festdachtank
X2063



Kugelbehälter
X8010

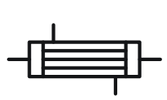


Offener Behälter
2061



Silo, Bunker
2064

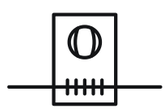
WÄRMEÜBERTRAGER



Rohrbündelwärmeübertrager
2511



Plattenwärmeübertrager
2516



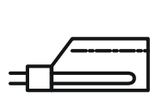
Luftkühler
X2505



Ofen
2533



Kühlturm
2521



Verdampfer (Kettle-Reboiler)
X8131

FILTER UND ABSCHEIDER



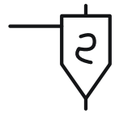
Filter
X8116



Schmutzfänger (Y-Form)
X8090



Korbfilter
X8090



Zyklonabscheider
X2618

PLT-STELLEN UND MESSGERÄTE



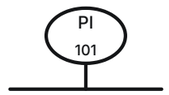
PLT-Stelle vor Ort
DIN EN 62424



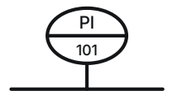
PLT-Stelle in der Messwarte
DIN EN 62424



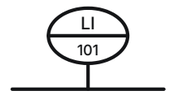
Funktion im Prozessleitsystem
DIN EN 62424



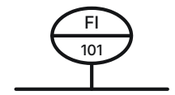
Manometer
DIN EN 62424



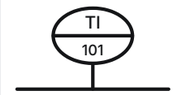
Druckmessumformer
DIN EN 62424



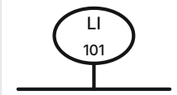
Füllstandmessumformer
DIN EN 62424



Durchflussmessumformer
DIN EN 62424



Temperaturmessumformer
DIN EN 62424



Standanzeiger
DIN EN 62424



Messblende
C0096

LEITUNGEN



Hauptrohrleitung
405



Rohrleitung mit Begleitheizung
C0106

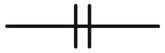


Doppelmantelrohr
X409

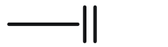
ROHRLEITUNGSTEILE



Reduzierstück, konzentrisch
516



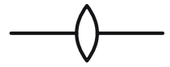
Flanschverbindung
511



Blindflansch
517



Brillensteckscheibe
2044



Kompensator
533



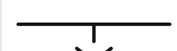
Schlauch
X411



Kondensatableiter
2181



Schauglas
2034



Entleerung
2040



Entlüftung
2039